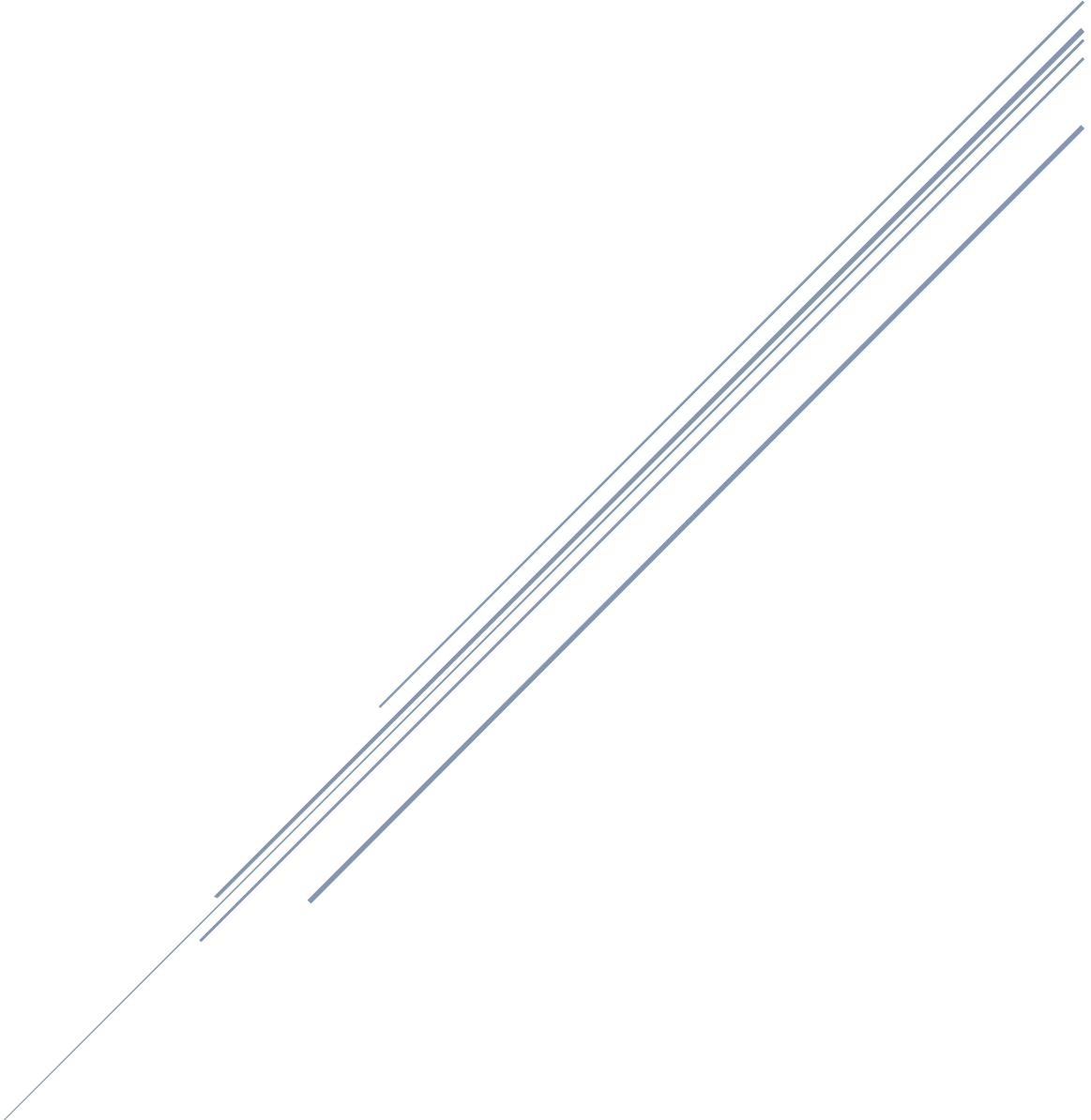


MEMBER PORTAL PROXY API REFERENCE

Member Portal Proxy API Reference



MEMBER PORTAL PROXY API REFERENCE
MARK TROUTWINE
JUNE 13, 2023

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Certificate Controller APIs

Get Certificate Details

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/certificate/GetCertificateDetails>

Query String Parameters:

- lifeProNameId – The Member User's LifePRO Name Id.
- certificateNumber – The Certificate Number for which details are being retrieved.

Response (200 OK)

```
{
  "Annuitants": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "AvailableForLoan": 0,
  "BeneficiaryOne": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "BeneficiaryTwo": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "BillingFrequency": "",
  "BillingStatus": "",
}
```

```

"BillingStatusReason": "",
"ByPassQuoteCalc": false,
"CashValue": 0,
"CertificateNumber": "",
"CertificateValues": {
  "ActivitySummary": [
    {
      "InterestCredited": 0,
      "LoanActivity": 0,
      "Month": null,
      "MonthlyDeductions": 0,
      "PremiumsReceived": 0,
      "Withdrawals": 0,
      "Year": null
    }
  ],
  "ARFundValue": 0,
  "DividendPUAFace": null,
  "LoanValues": null,
  "PayMode": null,
  "PayoutAmount": 0,
  "QualificationCode": null,
  "YearsCertain": null
},
"ChapterNumber": "",
"CompanyCode": "",
"DeathBenefitOption": "",
"EftId": null,
"EstimatedDeathBenefit": 0,
"FaceAmount": 0,
"FreeWithdrawAmount": 0,
"GuaranteedInterestRate": 0,
"Insured": [
  {
    "CertificateNumberWithCompCode": null,
    "EmailAddress": null,
    "ExceptionMsg": null,
    "ExceptionStatus": false,
    "FullName": null,
    "InsuredAddress": null,
    "WritingAgent": null
  }
],
"InterestRate": "",
"InterestRateDate": "0001-01-01T00:00:00",
"IsInGrace": false,
"IsInsured": false,
"IsOnPAC": false,
"IsOwner": false,
"IsPayor": false,
"IsPaidUpToDate": false,
"IssueDate": "0001-01-01T00:00:00",
"LineOfBusiness": "",
"LoanQuote": {
  "AccruedInterest": null,
  "AmortPayMode": null,
  "AvailablePreferred": null,
  "BankersYearIndicator": null,
  "CashValuePaidup": null,
  "CompanyCode": null,
  "CoverageInterestBasisArrears": null,
  "CurLoanBalance": null,
  "CurrentGainAmount": null,

```

```

    "CurrentGainText": null,
    "DividendAccumText": null,
    "DividendsAccums": null,
    "EffectiveDate": null,
    "EffectiveDateUsed": null,
    "FCTRImpairedBasis": null,
    "FundOrCash": null,
    "FundOrCashValue": null,
    "GainAvailable": null,
    "GenerateConfirmFlag": null,
    "GrossNetText": null,
    "IntAdjustText": null,
    "InterestMethod": null,
    "InterestToAnniv": null,
    "InterestType": null,
    "LastAccruedDate": null,
    "LoanBillingFlag": null,
    "LoanCollateralAllowedFlag": null,
    "LoanEffectiveDate": null,
    "LoanInterestDelayDays": null,
    "LoanInterestRate": null,
    "MaxLoanAvail": null,
    "MinimumEquity": null,
    "MinPremiumAccruedInterest": null,
    "MinPremiumPriorLoan": null,
    "NCLLoanRate": null,
    "NCLUIMessage": null,
    "NetLoanAvail": null,
    "NetNewLoan": null,
    "PFDLN": null,
    "PolicyNumber": null,
    "PremiumDue": null,
    "PremiumDueText": null,
    "PriorNCLExists": null,
    "ProcessingFee": null,
    "PUACashValue": null,
    "PurposeOfLoanText": null,
    "QualifiedAmortPayModeText": null,
    "QualifiedAmount": null
  },
  "Owner": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "PacId": null,
  "PaidToDate": "0001-01-01T00:00:00",
  "PaidUpType": "SP",
  "PaymentDueDate": "0001-01-01T00:00:00",
  "PaymentStatus": "",
  "PaymentSummary": {
    "AmountDue": 0,
    "AmountEditable": null,
    "BilledAmount": 0,

```

```

    "BillingForm": "",
    "BillingFrequency": "",
    "BillingReason": null,
    "BillingStatus": null,
    "CertificateNumber": "",
    "DueDate": null,
    "IsInGrace": false,
    "IsOwner": false,
    "IsPayor": false,
    "LineOfBusiness": null,
    "ListBillId": null,
    "MaxPaymentDate": null,
    "MinimumAmount": 0,
    "OnACHPay": false,
    "PaymentStatus": null,
    "PaymentType": "",
    "RecurringMaxPaymentDate": null,
    "ULType": null
  },
  "Payor": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "PlanType": "",
  "ProductDescription": "",
  "ProductId": "",
  "RiderNames": [
    {
      "ComponentType": null,
      "CoverageId": null,
      "Description": null,
      "FaceValue": 0,
      "RiderName": null
    }
  ],
  "SinglePayment": false,
  "Status": "",
  "SurrenderAmount": 0,
  "SurrenderQuote": {
    "ARFreeWDAvailable": 0,
    "ARFundValue": 0,
    "ARNetFundValue": 0,
    "CashValue": 0,
    "CashValueOYT": 0,
    "CashValuePUA": 0,
    "CompanyCode": "",
    "CurrentInterestRate": 0,
    "DefPremiumTax": 0,
    "DividendAccumulation": 0,
    "DividendAdjustment": 0,
    "EffectiveDate": 0,
    "EffectiveDateUsed": 0,
    "ErrorMessage": ""
  }
}

```

```

    "ETIFaceAmt": 0,
    "ExtendedTermAmt": 0,
    "FederalWithholding": 0,
    "FreeWithdrawal": 0,
    "FundValue": 0,
    "FVCurrentInterestRate": 0,
    "FVFreeWithdrawal": 0,
    "FVFundDescription": "",
    "FVFundID": "",
    "FVFundType": "",
    "FVFundValue": 0,
    "FVGuaranteedIntRate": 0,
    "FVMVA": 0,
    "FVNetFundValue": 0,
    "FVSurrenderCharge": 0,
    "FVUnits": 0,
    "FVUnitvalue": 0,
    "IBAValue01": 0,
    "IBAValue02": 0,
    "IBAValue04": 0,
    "LoanBalance": 0,
    "LoanInterest": 0,
    "LoanPrincipal": 0,
    "NetFundValue": 0,
    "NumberofFunds": 0,
    "PolicyNumber": "",
    "RefundPremiumTax": 0,
    "ReturnCode": 0,
    "StateFundTax": 0,
    "StateWithholding": 0,
    "SurrenderAmount": 0,
    "SurrenderCharge": 0,
    "TotalFreeWithdrawal": 0,
    "TotalFundValue": 0,
    "TotalMiscCredits": 0,
    "TotalMiscTaxes": 0,
    "TotalValue": 0,
    "UnappliedCash": 0,
    "UnprocessedPremium": 0
  },
  "ULType": null
}

```

Get Certificate Summary

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/certificate/GetCertificateSummary>

Query String Parameters:

- lifeProNameId – The Member User's LifePRO Name Id.

Response (200 OK)

```
{
  "AllowAnnuityWithdrawal": false,
  "AllowCertificateOfLoan": false,
  "AllowChangeOfBeneficiary": false,
  "AllowChangeOfName": false,
  "AllowElectronicFundsTransfer": false,
  "AllowSurrenderDividendAccumulations": false,
  "AllowSurrenderPaidUpAdds": false,
  "AllowUniversalLifeWithdrawal": false,
  "Certificates": [
    {
      "Annuitants": [
        {
          "AgentNumber": "",
          "BusinessName": null,
          "ExceptionMsg": "",
          "ExceptionStatus": false,
          "FirstName": "",
          "LastName": "",
          "LifeProNameId": -1,
          "MiddleName": "",
          "NameTypeCode": null,
          "TypeOfPerson": 0
        }
      ],
      "AvailableForLoan": 0,
      "BeneficiaryOne": [
        {
          "AgentNumber": "",
          "BusinessName": null,
          "ExceptionMsg": "",
          "ExceptionStatus": false,
          "FirstName": "",
          "LastName": "",
          "LifeProNameId": -1,
          "MiddleName": "",
          "NameTypeCode": null,
          "TypeOfPerson": 0
        }
      ],
      "BeneficiaryTwo": [
        {
          "AgentNumber": "",
          "BusinessName": null,
          "ExceptionMsg": "",
          "ExceptionStatus": false,
          "FirstName": "",
          "LastName": "",
          "LifeProNameId": -1,
          "MiddleName": "",
          "NameTypeCode": null,
          "TypeOfPerson": 0
        }
      ]
    }
  ]
}
```

```

        "TypeOfPerson": 0
    },
    ],
    "BillingFrequency": "",
    "BillingStatus": "",
    "BillingStatusReason": "",
    "ByPassQuoteCalc": false,
    "CashValue": 0,
    "CertificateNumber": "",
    "CertificateValues": {
        "ActivitySummary": [
            {
                "InterestCredited": 0,
                "LoanActivity": 0,
                "Month": null,
                "MonthlyDeductions": 0,
                "PremiumsReceived": 0,
                "Withdrawals": 0,
                "Year": null
            }
        ],
        "ARFundValue": 0,
        "DividendPUAface": null,
        "LoanValues": null,
        "PayMode": null,
        "PayoutAmount": 0,
        "QualificationCode": null,
        "YearsCertain": null
    },
    },
    "ChapterNumber": "",
    "CompanyCode": "",
    "DeathBenefitOption": "",
    "EftId": null,
    "EstimatedDeathBenefit": 0,
    "FaceAmount": 0,
    "FreeWithdrawAmount": 0,
    "GuaranteedInterestRate": 0,
    "Insured": [
        {
            "CertificateNumberWithCompCode": null,
            "EmailAddress": null,
            "ExceptionMsg": null,
            "ExceptionStatus": false,
            "FullName": null,
            "InsuredAddress": null,
            "WritingAgent": null
        }
    ],
    ],
    "InterestRate": "",
    "InterestRateDate": "0001-01-01T00:00:00",
    "IsInGrace": false,
    "IsInsured": false,
    "IsOnPAC": false,
    "IsOwner": false,
    "IsPayor": false,
    "IsPaidUpToDate": false,
    "IssueDate": "0001-01-01T00:00:00",
    "LineOfBusiness": "",
    "LoanQuote": {
        "AccruedInterest": null,
        "AmortPayMode": null,
        "AvailablePreferred": null,
        "BankersYearIndicator": null,

```

```

    "CashValuePaidup": null,
    "CompanyCode": null,
    "CoverageInterestBasisArrears": null,
    "CurLoanBalance": null,
    "CurrentGainAmount": null,
    "CurrentGainText": null,
    "DividendAccumText": null,
    "DividendsAccums": null,
    "EffectiveDate": null,
    "EffectiveDateUsed": null,
    "FCTRImpairedBasis": null,
    "FundOrCash": null,
    "FundOrCashValue": null,
    "GainAvailable": null,
    "GenerateConfirmFlag": null,
    "GrossNetText": null,
    "IntAdjustText": null,
    "InterestMethod": null,
    "InterestToAnniv": null,
    "InterestType": null,
    "LastAccruedDate": null,
    "LoanBillingFlag": null,
    "LoanCollateralAllowedFlag": null,
    "LoanEffectiveDate": null,
    "LoanInterestDelayDays": null,
    "LoanInterestRate": null,
    "MaxLoanAvail": null,
    "MinimumEquity": null,
    "MinPremiumAccruedInterest": null,
    "MinPremiumPriorLoan": null,
    "NCLLoanRate": null,
    "NCLUIMessage": null,
    "NetLoanAvail": null,
    "NetNewLoan": null,
    "PFDLN": null,
    "PolicyNumber": null,
    "PremiumDue": null,
    "PremiumDueText": null,
    "PriorNCLExists": null,
    "ProcessingFee": null,
    "PUACashValue": null,
    "PurposeOfLoanText": null,
    "QualifiedAmortPayModeText": null,
    "QualifiedAmount": null
  },
  "Owner": [
    {
      "AgentNumber": "",
      "BusinessName": null,
      "ExceptionMsg": "",
      "ExceptionStatus": false,
      "FirstName": "",
      "LastName": "",
      "LifeProNameId": -1,
      "MiddleName": "",
      "NameTypeCode": null,
      "TypeOfPerson": 0
    }
  ],
  "PacId": null,
  "PaidToDate": "0001-01-01T00:00:00",
  "PaidUpType": "SP",
  "PaymentDueDate": "0001-01-01T00:00:00",

```

```

"PaymentStatus": "",
"PaymentSummary": {
  "AmountDue": 0,
  "AmountEditable": null,
  "BilledAmount": 0,
  "BillingForm": "",
  "BillingFrequency": "",
  "BillingReason": null,
  "BillingStatus": null,
  "CertificateNumber": "",
  "DueDate": null,
  "IsInGrace": false,
  "IsOwner": false,
  "IsPayor": false,
  "LineOfBusiness": null,
  "ListBillId": null,
  "MaxPaymentDate": null,
  "MinimumAmount": 0,
  "OnACHPay": false,
  "PaymentStatus": null,
  "PaymentType": "",
  "RecurringMaxPaymentDate": null,
  "ULType": null
},
"Payor": [
  {
    "AgentNumber": "",
    "BusinessName": null,
    "ExceptionMsg": "",
    "ExceptionStatus": false,
    "FirstName": "",
    "LastName": "",
    "LifeProNameId": -1,
    "MiddleName": "",
    "NameTypeCode": null,
    "TypeOfPerson": 0
  }
],
"PlanType": "",
"ProductDescription": "",
"ProductId": "",
"RiderNames": [
  {
    "ComponentType": null,
    "CoverageId": null,
    "Description": null,
    "FaceValue": 0,
    "RiderName": null
  }
],
"SinglePayment": false,
"Status": "",
"SurrenderAmount": 0,
"SurrenderQuote": {
  "ARFreeWDAvailable": 0,
  "ARFundValue": 0,
  "ARNetFundValue": 0,
  "CashValue": 0,
  "CashValueOYT": 0,
  "CashValuePUA": 0,
  "CompanyCode": "",
  "CurrentInterestRate": 0,
  "DefPremiumTax": 0,

```

```

        "DividendAccumulation": 0,
        "DividendAdjustment": 0,
        "EffectiveDate": 0,
        "EffectiveDateUsed": 0,
        "ErrorMessage": "",
        "ETIFaceAmt": 0,
        "ExtendedTermAmt": 0,
        "FederalWithholding": 0,
        "FreeWithdrawal": 0,
        "FundValue": 0,
        "FVCurrentInterestRate": 0,
        "FVFreeWithdrawal": 0,
        "FVFundDescription": "",
        "FVFundID": "",
        "FVFundType": "",
        "FVFundValue": 0,
        "FVGuaranteedIntRate": 0,
        "FVMVA": 0,
        "FVNetFundValue": 0,
        "FVSurrenderCharge": 0,
        "FVUnits": 0,
        "FVUnitvalue": 0,
        "IBAValue01": 0,
        "IBAValue02": 0,
        "IBAValue04": 0,
        "LoanBalance": 0,
        "LoanInterest": 0,
        "LoanPrincipal": 0,
        "NetFundValue": 0,
        "NumberOfFunds": 0,
        "PolicyNumber": "",
        "RefundPremiumTax": 0,
        "ReturnCode": 0,
        "StateFundTax": 0,
        "StateWithholding": 0,
        "SurrenderAmount": 0,
        "SurrenderCharge": 0,
        "TotalFreeWithdrawal": 0,
        "TotalFundValue": 0,
        "TotalMiscCredits": 0,
        "TotalMiscTaxes": 0,
        "TotalValue": 0,
        "UnappliedCash": 0,
        "UnprocessedPremium": 0
    },
    "ULType": null
}
]
}

```

Get Premium Due

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/certificate/GetPremiumDue>

Query String Parameters:

- **certificateNumber** – The Certificate Number for which premium due information is needed.

Response (200 OK)

```
{
  "AmountDue": 0,
  "AmountEditable": null,
  "BilledAmount": 0,
  "BillingForm": "",
  "BillingFrequency": "",
  "BillingReason": null,
  "BillingStatus": null,
  "CertificateNumber": "",
  "DueDate": null,
  "IsInGrace": false,
  "IsOwner": false,
  "IsPayor": false,
  "LineOfBusiness": null,
  "ListBillId": null,
  "MaxPaymentDate": null,
  "MinimumAmount": 0,
  "OnACHPay": false,
  "PaymentStatus": null,
  "PaymentType": "",
  "RecurringMaxPaymentDate": null,
  "ULType": null
}
```

Document Controller APIs

Get Document

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/document/GetDocument>

Query String Parameters:

- documentId – The Document Id being retrieved.

Response (200 OK)

A byte array containing the document, which can be streamed into a PDF.

Get Document List

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/document/GetDocumentList>

Query String Parameters:

- lifeProNameId – The Member Portal Users LifePRO Name Id.
- certificateNumber – The Certificate Number related to the document list being retrieved.

Response (200 OK)

```
[
  {
    "CertificateNumber": null,
    "DateModified": "0001-01-01T00:00:00",
    "DocumentId": "",
    "F1": "",
    "FormNumber": null,
    "FormType": "",
    "InsuredName": null,
    "InsuredNameId": null,
    "LineOfBusiness": null,
    "Period": "",
    "ProductName": null,
    "WebDescription": ""
  }
]
```

DocuSign Controller APIs

Get DocuSign URLs

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/docusign/GetDocuSignUrls>

Query String Parameters:

- stateCode – The state for which DocuSign URLs are being retrieved.
IMPORTANT NOTE: This must be a literal string value. Meaning, whatever is passed into the service for stateCode must be in quotes.

Response (200 OK)

```
[
  {
    "Description": null,
    "DocuSignEnvelopeConfigId": null,
    "DocuSignEnvelopeId": null,
    "DocuSignEnvelopeMasterId": 0,
    "DocuSignEnvelopeUrl": null,
    "HasSpouseRole": false
  }
]
```

Member User Controller APIs

Get Announcements

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetAnnouncements>

Query String Parameters:

None

Response (200 OK)

```
[
  {
    "AutoHide": false,
    "DateCreated": "0001-01-01T00:00:00",
    "DisplayModal": false,
    "EndOn": "0001-01-01T00:00:00",
    "Id": 0,
    "IsExpired": false,
    "LastModified": "0001-01-01T00:00:00",
    "Message": null,
    "Severity": 0,
    "StartOn": "0001-01-01T00:00:00",
    "Title": null
  }
]
```

Get Contact Topics

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetContactTopics>

Query String Parameters:

None

Response (200 OK)

```
[
  {
    "Description": null,
    "DisplayOnContact": false,
    "DisplayOnSupport": false,
    "DisplayOrder": 0,
    "Id": 0,
    "Issues": [
      {
        "Description": null,
        "Id": 0,
        "Title": null
      }
    ],
    "Title": null
  }
]
```

Get Difference Maker

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetDifferenceMaker>

Query String Parameters:

None

Response (200 OK)

```
{
  "Text": null,
  "Title": null
}
```

Get Environment Name

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetEnvironmentName>

Query String Parameters:

None

Response (200 OK)

A string containing the Environment Name.

Get Frequently Asked Questions

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetFrequentlyAskedQuestions>

Query String Parameters:

None

Response (200 OK)

```
{
  "Annuities": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "BillingAndPayments": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "General": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "LifeInsurance": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ]
}
```

Get Frequently Asked Questions by Topic

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetFrequentlyAskedQuestionsByTopic>

Query String Parameters:

- **topicId** – The FAQ Topic Id being retrieved.

Response (200 OK)

```
{
  "Annuities": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "BillingAndPayments": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "General": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "LifeInsurance": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ]
}
```

Get Issues

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetFrequentlyAskedQuestionsByTopic>

Query String Parameters:

- **topicId** – The FAQ Topic Id being retrieved.

Response (200 OK)

```
[  
  {  
    "Description": null,  
    "Id": 0,  
    "Title": null  
  }  
]
```

Get Member Profile by Azure Object Id

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetMemberProfileByAzureObjectId>

Query String Parameters:

- **azureObjectId**– The Member Portal User’s Azure Object Id.

Response (200 OK)

```
{
  "AccountProfileId": 0,
  "AccountUserName": null,
  "AllowAccess": null,
  "AllowEmailContact": null,
  "AzureObjectGuid": "00000000-0000-0000-0000-000000000000",
  "DisplayFirstName": null,
  "DisplayFullName": null,
  "DisplayLastName": null,
  "EmailAddress": null,
  "LifeProNameId": 0,
  "ProfileRegistered": null,
  "ProfileValidated": null
}
```

Get Primary Address

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetPrimaryAddress>

Query String Parameters:

- lifeProNameId– The Member Portal User's LifePRO Name Id.

Response (200 OK)

```
{
  "AddressLine1": "",
  "AddressLine2": "",
  "AddressLine3": "",
  "BoxNo": "",
  "BusinessName": null,
  "City": "",
  "CityCode": "",
  "CompanyCode": "",
  "Country": "",
  "County": null,
  "CountyCode": "",
  "EffectiveDate": "0001-01-01T00:00:00",
  "EmailAddress": "",
  "FaxNumber": 0,
  "FirstName": null,
  "Id": -1,
  "IsLinkedAddress": false,
  "IsPopulated": false,
  "IsSpousalConsentState": false,
  "IsTemporary": false,
  "LastName": null,
  "MiddleName": null,
  "OriginalEffectiveDate": 0,
  "PhoneNumber": 0,
  "State": "",
  "Type": 0,
  "ZipCode": "",
  "ZipExtension": ""
}
```

Get Support Topics

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/GetSupportTopics>

Query String Parameters:

None

Response (200 OK)

```
[
  {
    "Description": null,
    "DisplayOnContact": false,
    "DisplayOnSupport": false,
    "DisplayOrder": 0,
    "Id": 0,
    "Issues": [
      {
        "Description": null,
        "Id": 0,
        "Title": null
      }
    ],
    "Title": null
  }
]
```

Insert Member Profile Info

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/InsertMemberProfileInfo>

Query String Parameters:

- `azureObjectId` – The Member Portal User’s Azure Object Id.
- `allowAccess` – A bool value where true indicates allow access, otherwise false.
- `allowEmailContact` – A bool value where true indicates allow email contact, otherwise false.
- `isValidated` – A bool value where true indicates the user is validated, otherwise false.
- `lifeProNameId` – The Member Portal User’s LifePRO Name Id.
- `displayFirstName` – The Member Portal User’s first name.
- `displayLastName` – The Member Portal User’s last name.
- `preferredEmail` – The Member Portal User’s preferred email address.
- `userName` – The Member Portal User’s username.

Response (200 OK)

A bool value where true indicates success, otherwise false.

Load Member Profile Info

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/LoadMemberProfileInfo>

Query String Parameters:

- **azureObjectId** – The Member Portal User's Azure Object Id.

Response (200 OK)

```
{
  "DisplayFirstName": null,
  "DisplayLastName": null,
  "PreferredEmail": null
}
```

Search Frequently Asked Questions

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/SearchFrequentlyAskedQuestions>

Query String Parameters:

- **searchValue** – The value to be searched for within the FAQs.

Response (200 OK)

```
{
  "Annuities": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "BillingAndPayments": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "General": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ],
  "LifeInsurance": [
    {
      "Answer": null,
      "DisplayOrder": 0,
      "Id": 0,
      "Question": null,
      "TypeId": 0
    }
  ]
}
```

Send Contact Info Update Email

URL:

PUT <https://pxymemberdev.royalneighbors.org/v1/memberuser/SendContactInfoUpdateEmail>

Query String Parameters:

None

Payload

```
{
  "AddressOne": null,
  "AddressThree": null,
  "AddressTwo": null,
  "City": null,
  "Country": null,
  "EmailAddress": null,
  "FirstName": null,
  "IsTemporary": null,
  "LastName": null,
  "LifeProNameId": null,
  "OldAddressOne": null,
  "OldAddressThree": null,
  "OldAddressTwo": null,
  "OldCity": null,
  "OldCountry": null,
  "OldEmailAddress": null,
  "OldPhoneNumber": null,
  "OldPostalCode": null,
  "OldState": null,
  "PhoneNumber": null,
  "PostalCode": null,
  "RecipientEmail": null,
  "State": null,
  "User": {
    "AccountProfileId": 0,
    "AccountUserName": null,
    "AllowAccess": null,
    "AllowEmailContact": null,
    "AzureObjectGuid": "00000000-0000-0000-0000-000000000000",
    "DisplayFirstName": null,
    "DisplayFullName": null,
    "DisplayLastName": null,
    "EmailAddress": null,
    "LifeProNameId": 0,
    "ProfileRegistered": null,
    "ProfileValidated": null
  }
}
```

Response (200 OK)

A bool value where true indicates success, otherwise false.

Send Payment Confirmation Email

URL:

PUT <https://pxymemberdev.royalneighbors.org/v1/memberuser/SendPaymentConfirmationEmail>

Query String Parameters:

None

Payload

```
{
  "AccountInformation": null,
  "ConfirmationNumber": null,
  "FirstName": null,
  "PaymentDate": "0001-01-01T00:00:00",
  "PaymentFrequency": null,
  "RecipientEmail": null,
  "TotalAmount": null
}
```

Response (200 OK)

A bool value where true indicates success, otherwise false.

Send Support Request Email

URL:

PUT <https://pxymemberdev.royalneighbors.org/v1/memberuser/SendSupportRequestEmail>

Query String Parameters:

None

Payload

```
{
  "CertificateNumber": null,
  "ContactMethod": null,
  "Detail": null,
  "Issue": null,
  "LifeProFirstName": null,
  "LifeProLastName": null,
  "PhoneNumber": null,
  "RecipientEmail": null,
  "Topic": null,
  "User": {
    "AccountProfileId": 0,
    "AccountUserName": null,
    "AllowAccess": null,
    "AllowEmailContact": null,
    "AzureObjectGuid": "00000000-0000-0000-0000-000000000000",
    "DisplayFirstName": null,
    "DisplayFullName": null,
    "DisplayLastName": null,
    "EmailAddress": null,
    "LifeProNameId": 0,
    "ProfileRegistered": null,
    "ProfileValidated": null
  }
}
```

Response (200 OK)

A bool value where true indicates success, otherwise false.

Update Member Profile Info

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/memberuser/UpdateMemberProfileInfo>

Query String Parameters:

- `azureObjectId` – The Member Portal User’s Azure Object Id.
- `displayFirstName` – The Member Portal User’s first name.
- `displayLastName` – The Member Portal User’s last name.
- `preferredEmail` – The Member Portal User’s preferred email address.

Response (200 OK)

A bool value where true indicates success, otherwise false.

Validate Member Identity

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/ValidateMemberIdentity>

Query String Parameters:

- **certificateNumber** – The Member Portal User's certificate number.
- **dateOfBirth** – The Member Portal User's date of birth.
- **lastFourSsn** – The last four digits of the Member Portal User's SSN.

Response (200 OK)

```
{
  "BusinessName": null,
  "FirstName": "",
  "LastName": "",
  "NameId": -1,
  "ResponseCode": 0,
  "ResponseMessage": ""
}
```

Validate Member Identity No Certificate

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/ValidateMemberIdentityNoCertificate>

Query String Parameters:

- `dateOfBirth` – The Member Portal User's date of birth.
- `lastFourSsn` – The last four digits of the Member Portal User's SSN.

Response (200 OK)

```
{
  "BusinessName": null,
  "FirstName": "",
  "LastName": "",
  "NameId": -1,
  "ResponseCode": 0,
  "ResponseMessage": ""
}
```

Write To Log

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/memberuser/WriteToLog>

Query String Parameters:

- message – The message being recorded to the logging database.
- severity – An integer value used for setting the log severity (see table below for possible values).

Severity Name	Severity Value
Critical	0
Error	1
Information	2
Warning	3

Response (200 OK) – The Log database key for the entry.

```
{  
  "123456789"  
}
```

Payment Controller APIs

Get ACH Holidays

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetACHHolidays>

Query String Parameters:

- monthNumber – The month to retrieve ACH Holiday information.
- year – The year to retrieve ACH Holiday information.
- numberOfMonths – The number of months for which you need to retrieve ACH Holidays.

Response (200 OK)

```
[  
  "2022-01-01T00:00:00",  
  "2022-01-02T00:00:00",  
  "2022-01-08T00:00:00",  
  "2022-01-09T00:00:00",  
  "2022-01-15T00:00:00",  
  "2022-01-16T00:00:00",  
  "2022-01-17T00:00:00",  
  "2022-01-22T00:00:00",  
  "2022-01-23T00:00:00",  
  "2022-01-29T00:00:00",  
  "2022-01-30T00:00:00"  
]
```

Get Certificate Payment History

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetCertificatePaymentHistory>

Query String Parameters:

- **certificateNumber** – The certificate number for which payment history is being retrieved.

Response (200 OK)

```
[
  {
    "CertificateNumber": "",
    "PaymentAmount": 0,
    "PaymentDate": "0001-01-01T00:00:00",
    "PaymentType": "",
    "ReturnedIndicator": false
  }
]
```

Get Payment History

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetPaymentHistory>

Query String Parameters:

- lifeProNameId – The Member Portal User's LifePRO Name Id.

Response (200 OK)

```
[
  {
    "CertificateNumber": "",
    "PaymentAmount": 0,
    "PaymentDate": "0001-01-01T00:00:00",
    "PaymentType": "",
    "ReturnedIndicator": false
  }
]
```

Get Payment Lines

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetPaymentLines>

Query String Parameters:

- **azureObjectId** – The Member Portal User's Azure Object Id.
- **lifeProNameId** – The Member Portal User's LifePRO Name Id.

Response (200 OK)

```
[
  {
    "AmountDue": 0,
    "AmountEditable": null,
    "BilledAmount": 0,
    "BillingForm": "",
    "BillingFrequency": "",
    "BillingReason": null,
    "BillingStatus": null,
    "CertificateNumber": "",
    "DueDate": null,
    "IsInGrace": false,
    "IsOwner": false,
    "IsPayor": false,
    "IsProRated": false,
    "LineOfBusiness": null,
    "ListBillId": null,
    "MaxPaymentDate": null,
    "MinimumAmount": 0,
    "NumberOfMonthsDue": 0,
    "OnACHPay": false,
    "PaymentStatus": null,
    "PaymentType": "",
    "RecurringMaxPaymentDate": null,
    "ULType": null
  }
]
```

Get Payment Methods

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetPaymentMethods>

Query String Parameters:

- `profileUserName` - Unique identifier for customer (email address).

Response (200 OK)

```
{
  "list-profiles-response": {
    "profile": [
      {
        "token": "C2B20570B9E7313855CCEC9B6EDAF503C6BA2B25",
        "type": "VISA_DEBIT",
        "account-number": "*****0012",
        "credit-card-expiry-date": {
          "month": "12",
          "year": "2030"
        },
        "card-holder-name": "Mark Troutwine",
        "profile-description": "Mark VISA"
      },
      {
        "token": "89F37D81E667649F7656AC884204B2B88986ECBF",
        "type": "MC_DEBIT",
        "account-number": "*****5454",
        "credit-card-expiry-date": {
          "month": "12",
          "year": "2030"
        },
        "card-holder-name": "Mark Troutwine",
        "profile-description": "Mark Master Card"
      }
    ]
  }
}
```

Get Pending Payments

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetPendingPayments>

Query String Parameters:

- **azureObjectId** – The Member Portal User's Azure Object Id.

Response (200 OK)

```
{
  "RecurringPayments": [
    {
      "payment-schedule-response": {
        "schedule": {
          "header": {
            "account-number": "00000021462U",
            "next-payment-date": "07152023",
            "payment-type-code": "MEMBERPAYMENTS",
            "reference-number": "118135",
            "schedule-day": "15",
            "schedule-type-code": "MONTHLY_BILL_AMOUNT"
          },
          "payment-method": {
            "account-number": "*****0012",
            "token": "C3817733FCB544A3285A155A1C06EE1D2DC4D00D",
            "type": "VISA_DEBIT"
          }
        }
      }
    }
  ],
  "SinglePayments": [
    {
      "last-payment-response": {
        "payment-amount": 14.25,
        "payment-date": "06302023000000",
        "payment-status": "SCHEDULED",
        "reference-number": "798064",
        "total-amount": 14.25
      }
    }
  ]
}
```

Get Recurring Payment History

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetRecurringPaymentHistory>

Query String Parameters:

- profileUserName - Unique identifier for customer (email address).
- accountNumber – This would be the certificate number.

Response (200 OK)

```
{
  "payment-schedule-response": {
    "header": {
      "reference-number": "118135",
      "schedule-type-code": "MONTHLY_BILL_AMOUNT",
      "schedule-day": "15",
      "next-payment-date": "06152023",
      "payment-type-code": "MEMBERPAYMENTS",
      "account-number": "00000021462U"
    },
    "payment-method": {
      "type": "VISA_DEBIT",
      "account-number": "*****0012",
      "token": "C3817733FCB544A3285A155A1C06EE1D2DC4D00D"
    }
  }
}
```

Get Single Payment History

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetSinglePaymentHistory>

Query String Parameters:

- accountNumber – This would be the Certificate Number.
- dateFrom (format mmddyyyy)
- dateTo (format mmddyyyy)

Response (200 OK)

```
{
  "payment-history-response": {
    "payment": [
      {
        "header": {
          "account-number": 100,
          "convenience-fee": 0,
          "payment-amount": -15,
          "payment-date": 5302023180230,
          "payment-status": "ACCEPTED",
          "payment-type-code": "MEMBERPAYMENTS",
          "reference-number": 916621,
          "total-amount": -15
        },
        "payment-method": {
          "account-number": "*****5454",
          "type": "MC_DEBIT"
        }
      }
    ]
  }
}
```

Get Wallet URL

URL:

GET <https://pxymemberdev.royalneighbors.org/v1/payment/GetWalletUrl>

Query String Parameters:

- loginId - Unique identifier for customer (email address).
- firstName – The Member User’s first name.
- lastName – The Member User’s last name.
- emailAddress – The Member User’s email address.
- mobilePhoneNumber – The Member User’s mobile phone number (can be an empty string).

Response (200 OK)

<https://secure4.paymentus.com/cp/rnam/my-wallet?authToken=0E73F9B1D69CB34424A3EA100DE585F3E2E8A2585D1085B204836A7A466042C3F2B5B3DFBAA30F41D75A0A92A93CDDBADAC59A3E3CCF2FCD17F7558568F34274779099A88E71E9B3552869EF503CD21A6925FE1C060CBCE1A4AF806EE7081FE72911F6C15D83C2AB0F0C867C3E1631ECF687CED1DF304A356A415AB61C516670CA0D51C32144176DD3B50648451384E60E63D6D86FD11C514649794540D9F0824BA1EBDCA633F7F3A87BDD34A80E3A66484A950583935FBD2861F6BD0DC0E0D>

Make Recurring Payment

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/MakeRecurringPayment>

Query String Parameters:

- **azureObjectId** – The Member User's Azure Object Id.
- **paymentType** – The payment type (Loan, Premium, etc.).

Payload

```
{
  "payment-schedule": {
    "customer": {
      "address": {
        "city": "",
        "country": "",
        "line1": "",
        "state": "",
        "zip-code": ""
      },
      "dayphonenr": "",
      "email": "",
      "firstname": "",
      "lastname": "",
      "middlename": ""
    },
    "header": {
      "account-number": 0,
      "check-duplicates": "false",
      "payment-amount": 0.0,
      "payment-type-code": "",
      "schedule-day": 0,
      "schedule-type-code": ""
    },
    "payment-method": {
      "token": ""
    },
    "payment-method-category": "",
    "user-info": {
      "login-id": ""
    }
  }
}
```

Response (200 OK)

```
{
  "payment-schedule-response": {
    "reference-number": 140908,
    "convenience-fee": 1.5,
    "payment-schedule-status": "SCHEDULED"
  }
}
```

Make Single Payment

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/MakeSinglePayment>

Query String Parameters:

- **azureObjectId** – The Member User's Azure Object Id.
- **applicationName** – The name of the application making the payment.
- **paymentAmount** – The payment amount of the recurring payment.
- **paymentType** – The payment type (Loan, Premium, etc.).

Payload

```
{
  "payment": {
    "customer": {
      "address": {
        "city": "",
        "country": "",
        "line1": "",
        "state": "",
        "zip-code": ""
      },
      "dayphonenr": "",
      "email": "",
      "firstname": "",
      "lastname": "",
      "middlename": ""
    },
    "header": {
      "payment-date": {
        "date-str": null
      },
      "account-number": "",
      "check-duplicates": "",
      "operation": "",
      "payment-amount": "",
      "payment-type-code": ""
    },
    "payment-method": {
      "token": ""
    }
  }
}
```

Response (200 OK)

```
{
  "payment-response": {
    "reference-number": "774187",
    "payment-date": "01152020144318",
    "payment-amount": "20.55",
    "convenience-fee": "1.50",
    "total-amount": "22.05",
    "payment-status-description": "Approved",
    "payment-status": "ACCEPTED"
  }
}
```

Response (200 OK) – Duplicate Payments

```
{
  "payment-response": {
    "payment-status": "FAILED",
    "errors": {
      "error": {
        "value": "Duplicate XML payment",
        "key": "xmlPayment.duplicate"
      }
    }
  }
}
```

Make ACH Single Payment

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/MakeAchSinglePayment>

Query String Parameters:

None

Payload

```
{
  "payment": {
    "customer": {
      "address": {
        "city": "",
        "country": "",
        "line1": "",
        "state": "",
        "zip-code": ""
      },
      "dayphonenr": "",
      "email": "",
      "firstname": "",
      "lastname": "",
      "middlename": ""
    },
    "header": {
      "account-number": "",
      "check-duplicates": "",
      "operation": "",
      "payment-amount": "",
      "payment-type-code": ""
    },
    "payment-method": {
      "account-number": "",
      "routing-number": "",
      "type": ""
    }
  }
}
```

Response (200 OK)

```
{
  "payment-response": {
    "reference-number": "774187",
    "payment-date": "01152020144318",
    "payment-amount": "20.55",
    "convenience-fee": "1.50",
    "total-amount": "22.05",
    "payment-status-description": "Approved",
    "payment-status": "ACCEPTED"
  }
}
```

Response (200 OK) – Duplicate Payments

```
{
  "payment-response": {
    "payment-status": "FAILED",
    "errors": {
```

```
    "error": {  
      "value": "Duplicate XML payment",  
      "key": "xmlPayment.duplicate"  
    }  
  }  
}
```

Make Multiple Single Payments

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/MakeMultipleSinglePayments>

Query String Parameters:

- **azureObjectId** – The Member User's Azure Object Id.

Payload

```
[
  {
    "customer": {
      "address": {
        "city": "",
        "country": "",
        "line1": "",
        "state": "",
        "zip-code": ""
      },
      "dayphonenr": "",
      "email": "",
      "firstname": "",
      "lastname": "",
      "middlename": ""
    },
    "external-data-map": {
      "entry": []
    },
    "header": {
      "account-number": "",
      "check-duplicates": "",
      "operation": "",
      "payment-amount": "",
      "payment-date": {
        "date-str": ""
      },
      "payment-type-code": ""
    },
    "payment-method": {
      "token": ""
    }
  }
]
```

Response (200 OK)

```
[
  {
    "Message": "",
    "Status": ""
  }
]
```

Update Recurring Payment

URL:

PUT <https://pxymemberdev.royalneighbors.org/v1/payment/UpdateRecurringPayment>

Query String Parameters:

- **azureObjectId** – The Member User’s Azure Object Id.
- **referenceNumber** – This is the reference number of the payment being updated.
- **paymentAmount** – The payment amount of the recurring payment.
- **paymentType** – The payment type (Loan, Premium, etc.).

Payload

```
{
  "payment-schedule": {
    "header": {
      "schedule-day": 0
    }
  }
}
```

Response (200 OK)

```
{
  "payment-schedule-response": {
    "reference-number": 140908,
    "convenience-fee": 1.5,
    "payment-schedule-status": "SCHEDULED"
  }
}
```

Void Recurring Payment

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/VoidRecurringPayment>

Query String Parameters:

- `azureObjectId` – The Member User's Azure Object Id.
- `referenceNumber` – This is the reference number of the payment being voided.

Payload

```
{
  "payment": {
    "header": {
      "notes": ""
    }
  }
}
```

Response (200 OK)

```
{
  "payment-schedule-response": {
    "reference-number": 140908,
    "payment-schedule-status": "CANCELED"
  }
}
```

Void Single Payment

URL:

POST <https://pxymemberdev.royalneighbors.org/v1/payment/VoidSinglePayment>

Query String Parameters:

- **azureObjectId** – The Member User's Azure Object Id.
- **referenceNumber** – This is the reference number of the payment being voided.

Payload

```
{
  "payment": {
    "header": {
      "notes": ""
    }
  }
}
```

Response (200 OK)

```
{
  "payment-response": {
    "reference-number": 34814567,
    "payment-date": 2152018010941,
    "payment-amount": -20.77,
    "convenience-fee": -1.5,
    "total-amount": -22.27,
    "payment-status-description": "Authorization Not Found",
    "payment-status": "ACCEPTED"
  }
}
```