

## eService - Policy enquiry : download membership guide

### 1. High Level Requirement

- Create new API in iConnect experience layer project that aim to let eService to download membership guide for specific insured
- The overall design of the API will follow /v1/rest/appSiteData/GetBenefitScheduleFileOfInsured - API for eService to download benefit schedule

### 2. Expected Result

- All coding should work on feature branch HK/feature/PCCW/download\_memberhsip\_guide
- The API request include below field:
  - jwtToken : mandatory, token that store current session data for authentication
  - p\_strPolicyNo : mandatory, policy no. for the requested membership guide
  - p\_strCustomerCode : mandatory, eService customer code for the insured
  - p\_strRelationshipCode : not mandatory, relationship code for the insured
  - p\_strPlanNo : not mandatory, plan no. for the insured
- The API will return FWDGIEBDocument object to web UI
  - data : contain mine data, file name and base 64 string of the file
  - status : "success" for successful case, "error" for error case
  - errorMsg : error description while error case
- Validation and error handling are required

### 3. Technical spec

- EserviceClaimControllerImpl: implement getMembershipGuideFile() method

```
681      @Override
682      public ResponseEntity<FWDGIEBDocument> getMembershipGuideFile(
683          @NotBlank String jwtToken,|
684          @NotNull @NotBlank String pStrPolicyNo,
685          @NotNull @NotBlank String eServiceId,
686          String relationshipCode,
687          String pStrPlanNumber) {
688          //TODO
689          //convert eservice id to client no.
690
691          //prepare apiCommon and policy no. year pair
692
693          //call eserviceClaimService.getMembershipGuideFile to get result
694          return null;
695      }
```

- EserviceClaimService

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```

1562     public FWDGIEBDocument getMembershipGuideFile(
1563         ApiCommon commonData,
1564         String clientCode,
1565         String policyNumber,
1566         Integer policyYear,
1567         String relationshipCode
1568     ) {
1569         //TODO
1570         //Validate client code and policy no. can not null
1571
1572         //Get ebPolicy By policy, planNumber of this user
1573
1574         //Convert ebPolicy policyEffectiveDate to String yyyy-MM-dd
1575
1576         //Get memberList of this policy
1577
1578         //check is member exist in this policy
1579
1580         //get document from documentService.getMembershipGuideFile
1581
1582         return null;
1583     }

```

- DocumentService

```

198     public DocumentFileResponseDto getMembershipGuideFile(
199         String policyNo,
200         String policyEffectiveDate,
201         String planNo,
202         String productCode,
203         String relationshipCode
204     ) throws Exception {
205         //TODO
206         //get documentId by documentProvider.getDocumentId()
207
208         //use documentId to get document bydocumentProvider.getDocumentFile()
209
210         return null;
211     }

```

#### 4. Test Case (Unit Test / API Request Response)

- Unit Test for normal and error cases
- Normal Case
  - Successfully download the membership guide
- Error Case
  - missing required param in API
  - client no. not exist in that policy
  - cannot get document id from documentProvider.getDocumentId()
  - cannot get document from documentProvider.getDocumentFile()