Pension Management System:

**Entities:**

**1)PensionDetail:**

String name, String dob, String pan, float salary, float allowances, String pensionType(self,family), BankDetails bankDetails

**2)Bank detail:**

String bank\_name, String account\_number, String type\_of\_bank(public or private)

**Micro services:**

**Process Pension Microservice:**

1)POST: <http://localhost:8080/PMS/ProcessPension>

ReqBody --{“adhar\_number”:” abc”}

Response – {“pension\_amount”:”0.00f”,” bankServiceCharge”:”0.00f”}

This micro service is to process pension and get the pension amount and bank service charge

**PensionerDetail** **Microservice:**

2)GET: [http://localhost:8080/PMS/PensionDetailsByAadhaar/{adhar\_no}](http://localhost:8080/PMS/PensionDetailsByAadhaar/%7badhar_no%7d)

Response –

{

“name”:” bank name”,

“dob”: ”27 may 93”,

“pan”:” abc”,

“salaryEarned”: ”10.00f”,

“allowances”: ”10.00f”,

“pensionType”: “SELF”,

“bankDetails”: “PUBLIC”

}

This micro service is to get all pension details

**Authorization Microservice:**

3)POST: <http://localhost:8080/pms/auth/login>

ReqBody-

{

“username”:”thrilok”,

“password”:” test123”

}

Response –

{

“username”:”thrilok”,

“email”:[test@gmail.com](mailto:test@gmail.com),

“roles”:[“ROLE\_USER”],

“accessToken”:” fsaisndgiid”,

“tokenType”:” Bearer”

}

4)To Save pensioner details:

POST: <http://localhost:8080/pensiondetail--->> To save the pensioner details