GOVERNMENT SCHEME MANAGEMENT SYSTEM

OVERVIEW :

The web-based system provides information about all the available government schemes. Citizens can browse and apply for a scheme. Approval is based on the eligibility criteria. Once approved, the payment is directly credited to the citizen's bank account.

The system has Government Employees and Citizens as its actors. The system allows the user to login to the system based on their roles.

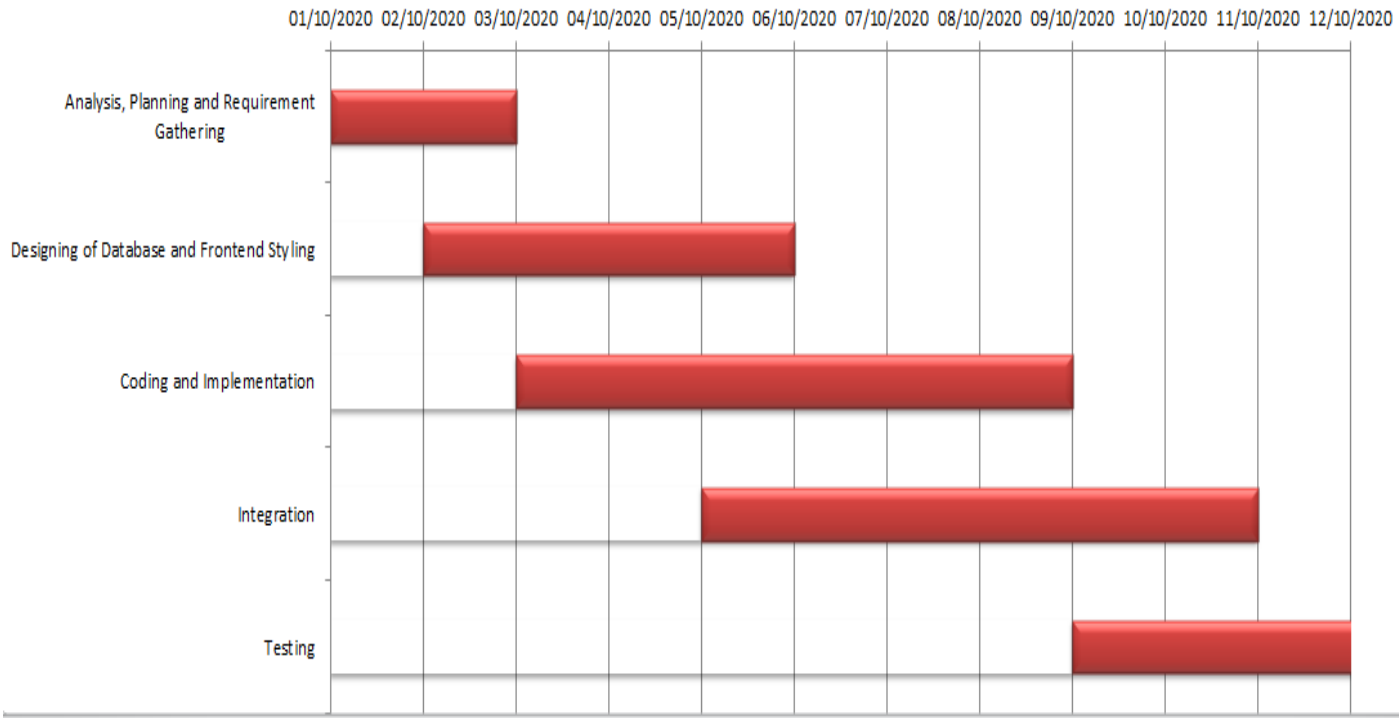
The system allows Government Employees to login to the system and the employee can add different government schemes and can edit and update existing schemes.

The citizen can register or login to the system and can view the schemes and apply to the schemes based on the eligibility criteria. Based on the scheme requirement, the citizen has to upload their documents. Other than that, the citizen can edit and update citizen details.

TEAM MEMBERS :

- FENIL SHAH
- SHANTANU KAUSHIK
- SUKRITA MOHANDOSS
- VARUN SHARMA
- SAURABH JOSHI
- SOURABH WATTAMWAR
- SURABHI KURIYAL
- DIVIYANSHA AGARWAL

PROJECT PLANNING :



DAILY MEETING :

A 30 minutes meeting daily after the training time to discuss about :

- Daily Agenda
- Work Distribution
- Giving updates of work done

A 30 minutes meeting at EOD to give updates about :

- Work Done
- Changes pushed to github

Every morning, the team leader merges all the changes pushed to github.

INDIVIDUAL WORK :

Each individual works on the project as per the work distribution to meet the required criteria within the discussed time duration.

WEEKLY MEETING :

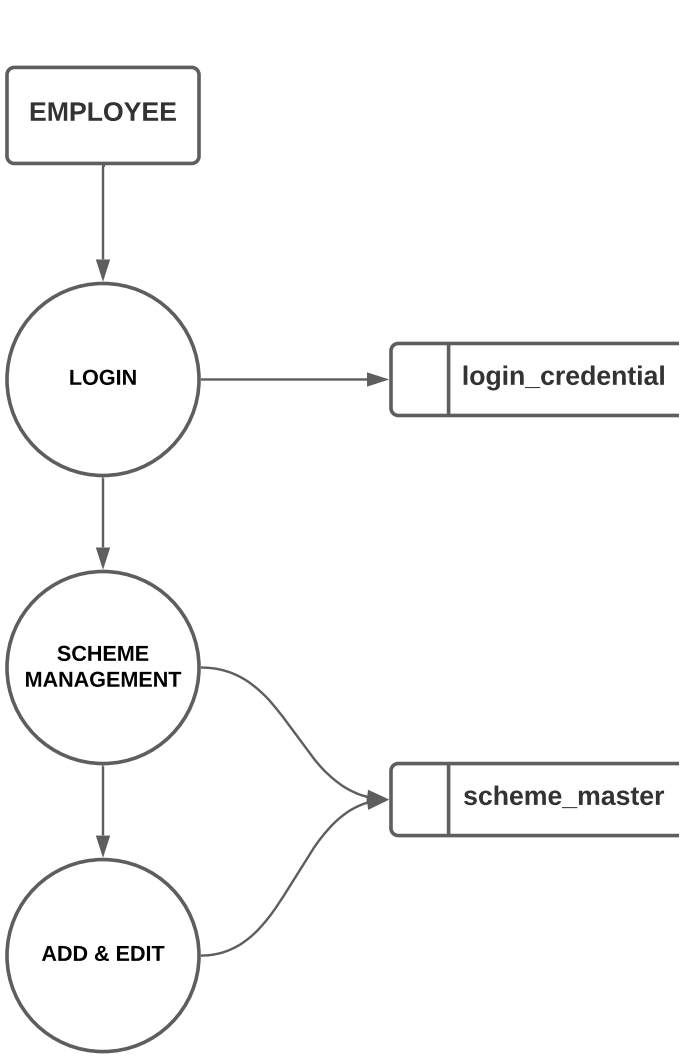
On weekends, meetings were scheduled to discuss about :

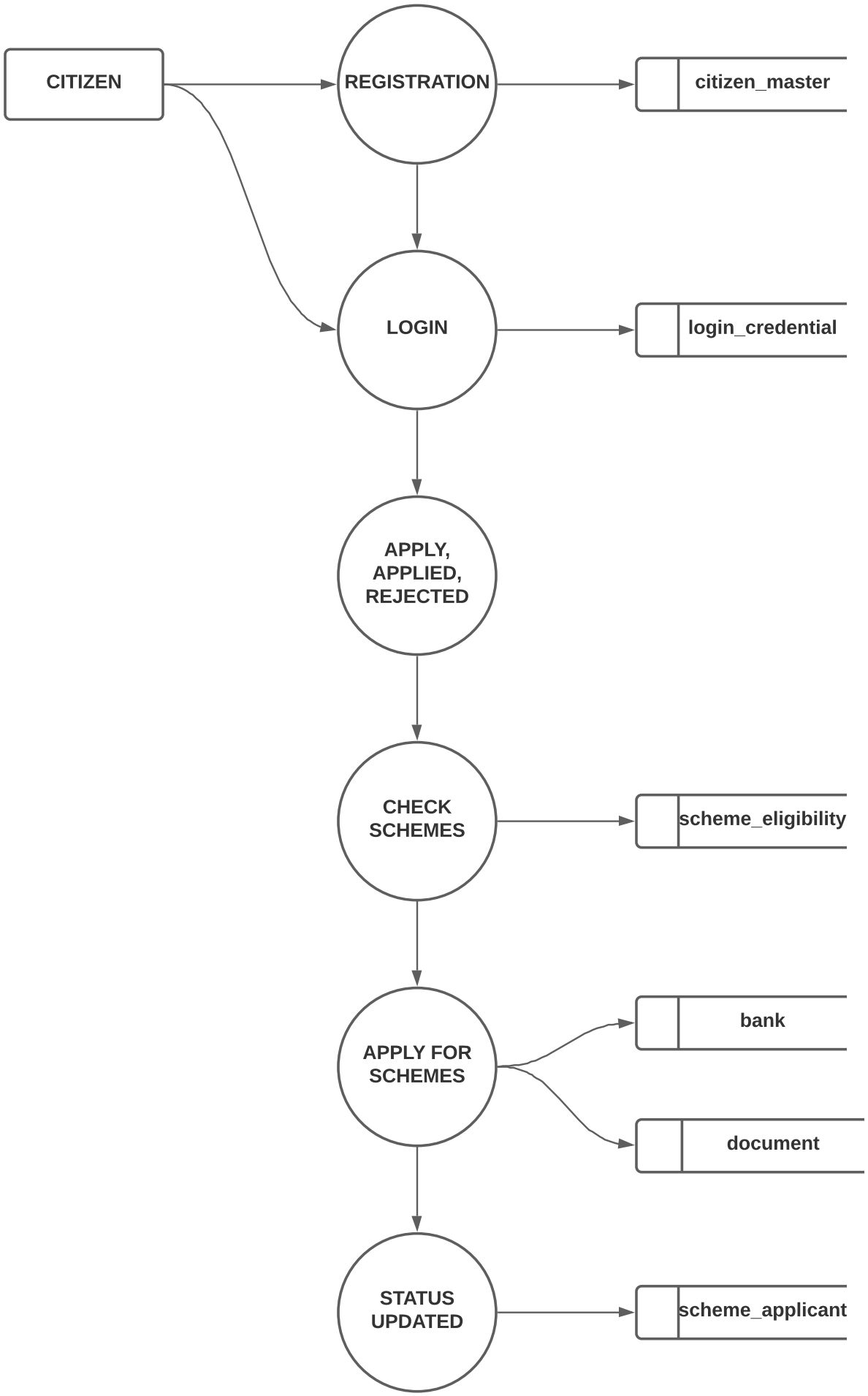
- Analysis of Work done till date
- Work distribution
- Implementation
- Testing

DIAGRAMS :

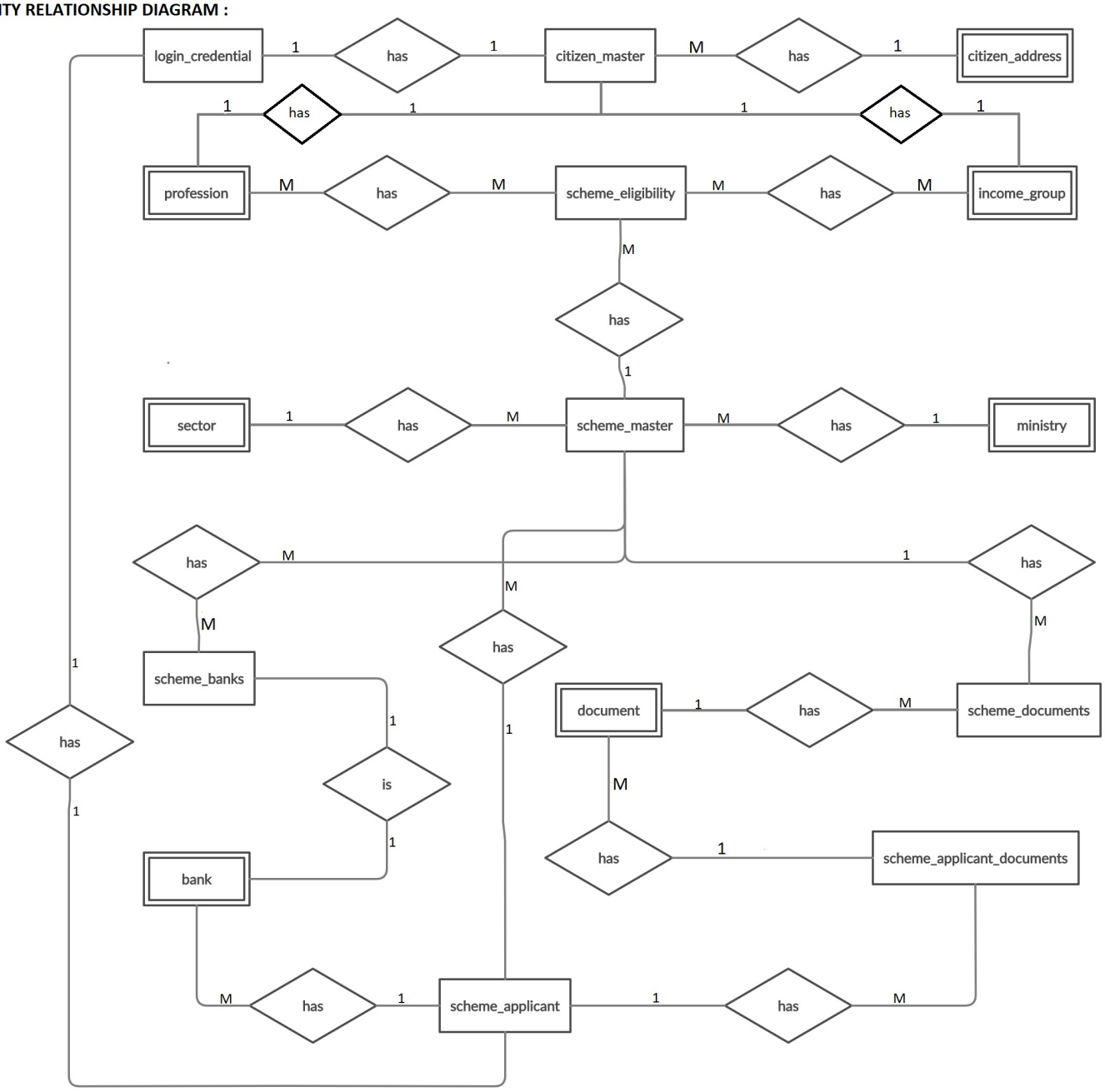
1. DATA FLOW DIAGRAM
2. ENTITY RELATIONSHIP DIAGRAM
3. DATABASE DESIGN
4. CLASS DIAGRAM
5. USE CASE DIAGRAM

1. DATA FLOW DIAGRAM :

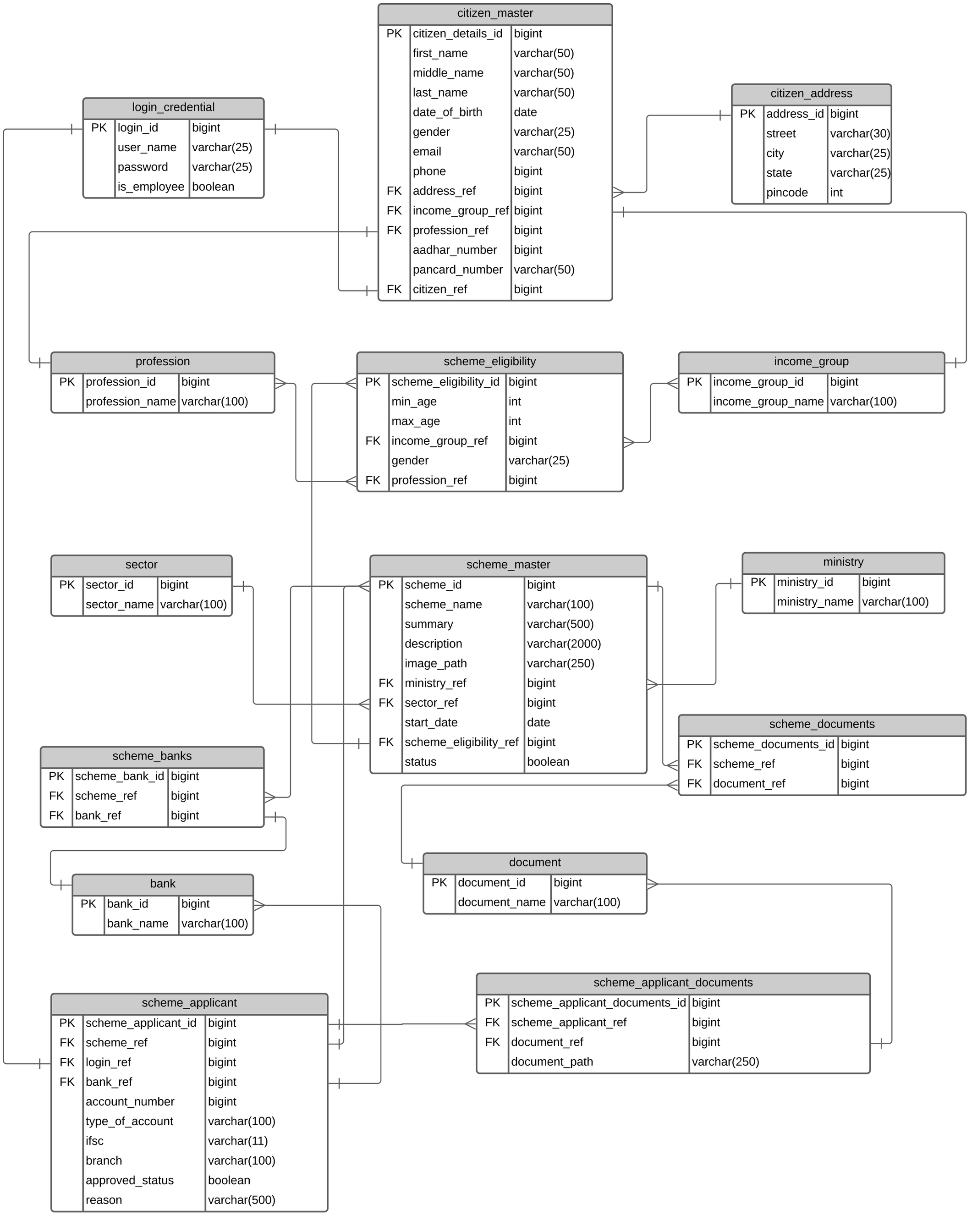




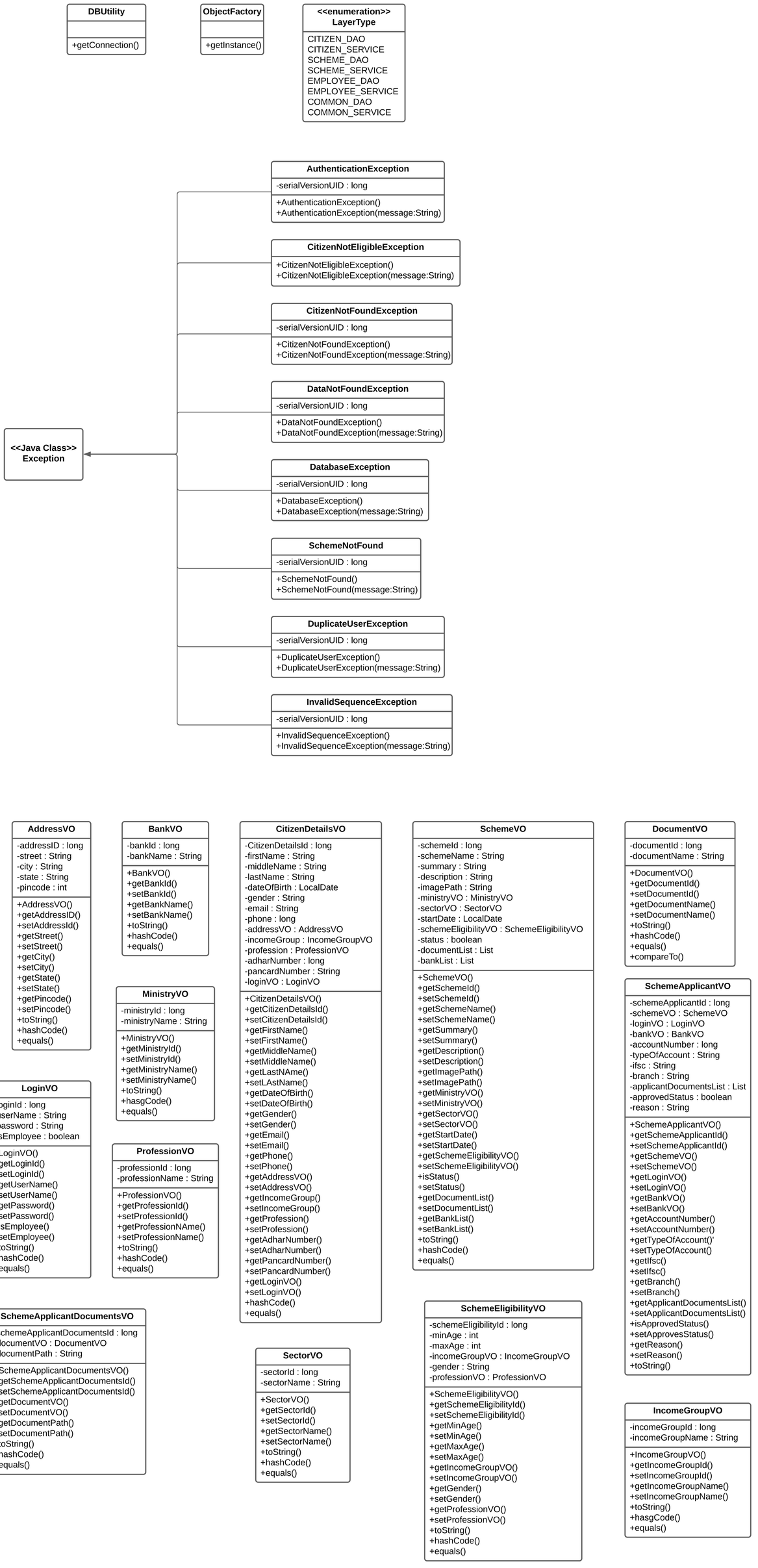
2. ENTITY RELATIONSHIP DIAGRAM :

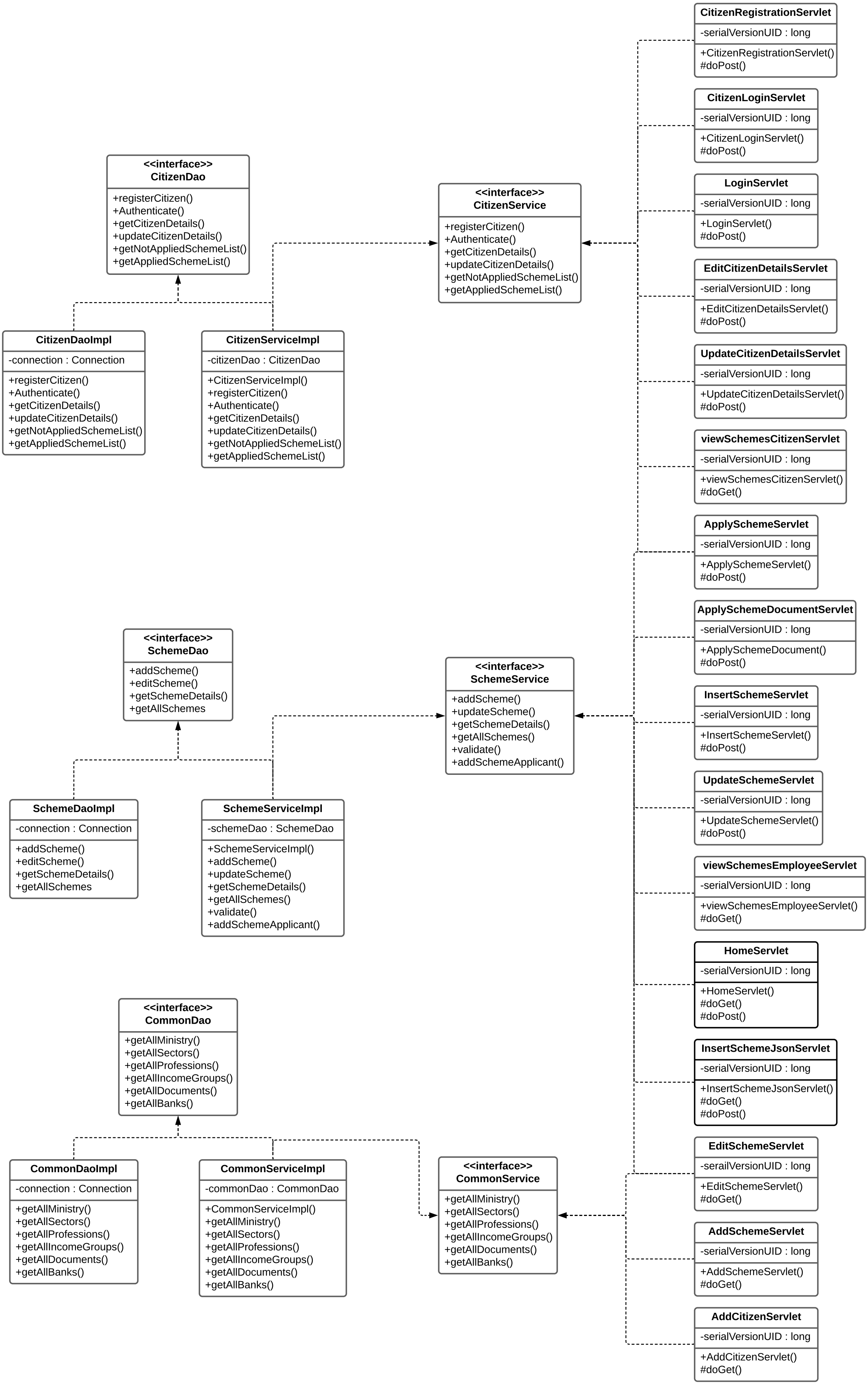


3. DATABASE DESIGN :



4. CLASS DIAGRAM :

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CitizenDao
+registerCitizen()
+Authenticate()
+getCitizenDetails()
+updateCitizenDetails()
+getNotAppliedSchemeList()
+getAppliedSchemeList()
<<interface>>
CitizenService
+registerCitizen()
+Authenticate()
+getCitizenDetails()
+updateCitizenDetails()
+getNotAppliedSchemeList()
+getAppliedSchemeList()
CitizenRegistrationServlet
-serialVersionUID : long
+CitizenRegistrationServlet()
#doPost()
CitizenLoginServlet
-serialVersionUID : long
+CitizenLoginServlet()
#doPost()
LoginServlet
-serialVersionUID : long
+LoginServlet()
#doPost()
EditCitizenDetailsServlet
-serialVersionUID : long
+EditCitizenDetailsServlet()
#doPost()
UpdateCitizenDetailsServlet
-serialVersionUID : long
+UpdateCitizenDetailsServlet()
#doPost()
viewSchemesCitizenServlet
-serialVersionUID : long
+viewSchemesCitizenServlet()
#doGet()
CitizenDaoImpl
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+registerCitizen()
+Authenticate()
+getCitizenDetails()
+updateCitizenDetails()
+getNotAppliedSchemeList()
+getAppliedSchemeList()
CitizenServiceImpl
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+registerCitizen()
+Authenticate()
+getCitizenDetails()
+updateCitizenDetails()
+getNotAppliedSchemeList()
+getAppliedSchemeList()
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SchemeDao
+addScheme()
+editScheme()
+getSchemeDetails()
+getAllSchemes
<<interface>>
SchemeService
+addScheme()
+updateScheme()
+getSchemeDetails()
+getAllSchemes()
+validate()
+addSchemeApplicant()
ApplySchemeServlet
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+ApplySchemeServlet()
#doPost()
ApplySchemeDocumentServlet
-serialVersionUID : long
+ApplySchemeDocument()
#doPost()
InsertSchemeServlet
-serialVersionUID : long
+InsertSchemeServlet()
#doPost()
UpdateSchemeServlet
-serialVersionUID : long
+UpdateSchemeServlet()
#doPost()
viewSchemesEmployeeServlet
-serialVersionUID : long
+viewSchemesEmployeeServlet()
#doGet()
SchemeDaoImpl
-connection : Connection
+addScheme()
+editScheme()
+getSchemeDetails()
+getAllSchemes
SchemeServiceImpl
-schemeDao : SchemeDao
+SchemeServiceImpl()
+addScheme()
+updateScheme()
+getSchemeDetails()
+getAllSchemes()
+validate()
+addSchemeApplicant()
HomeServlet
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+HomeServlet()
#doGet()
#doPost()
InsertSchemeJsonServlet
-serialVersionUID : long
+InsertSchemeJsonServlet()
#doGet()
#doPost()
EditSchemeServlet
-serailVersionUID : long
+EditSchemeServlet()
#doGet()
AddSchemeServlet
-serialVersionUID : long
+AddSchemeServlet()
#doGet()
AddCitizenServlet
-serialVersionUID : long
+AddCitizenServlet()
#doGet()
<<interface>>
CommonDao
+getAllMinistry()
+getAllSectors()
+getAllProfessions()
+getAllIncomeGroups()
+getAllDocuments()
+getAllBanks()
<<interface>>
CommonService
+getAllMinistry()
+getAllSectors()
+getAllProfessions()
+getAllIncomeGroups()
+getAllDocuments()
+getAllBanks()
CommonDaoImpl
-connection : Connection
+getAllMinistry()
+getAllSectors()
+getAllProfessions()
+getAllIncomeGroups()
+getAllDocuments()
+getAllBanks()
CommonServiceImpl
-commonDao : CommonDao
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+getAllMinistry()
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+getAllProfessions()
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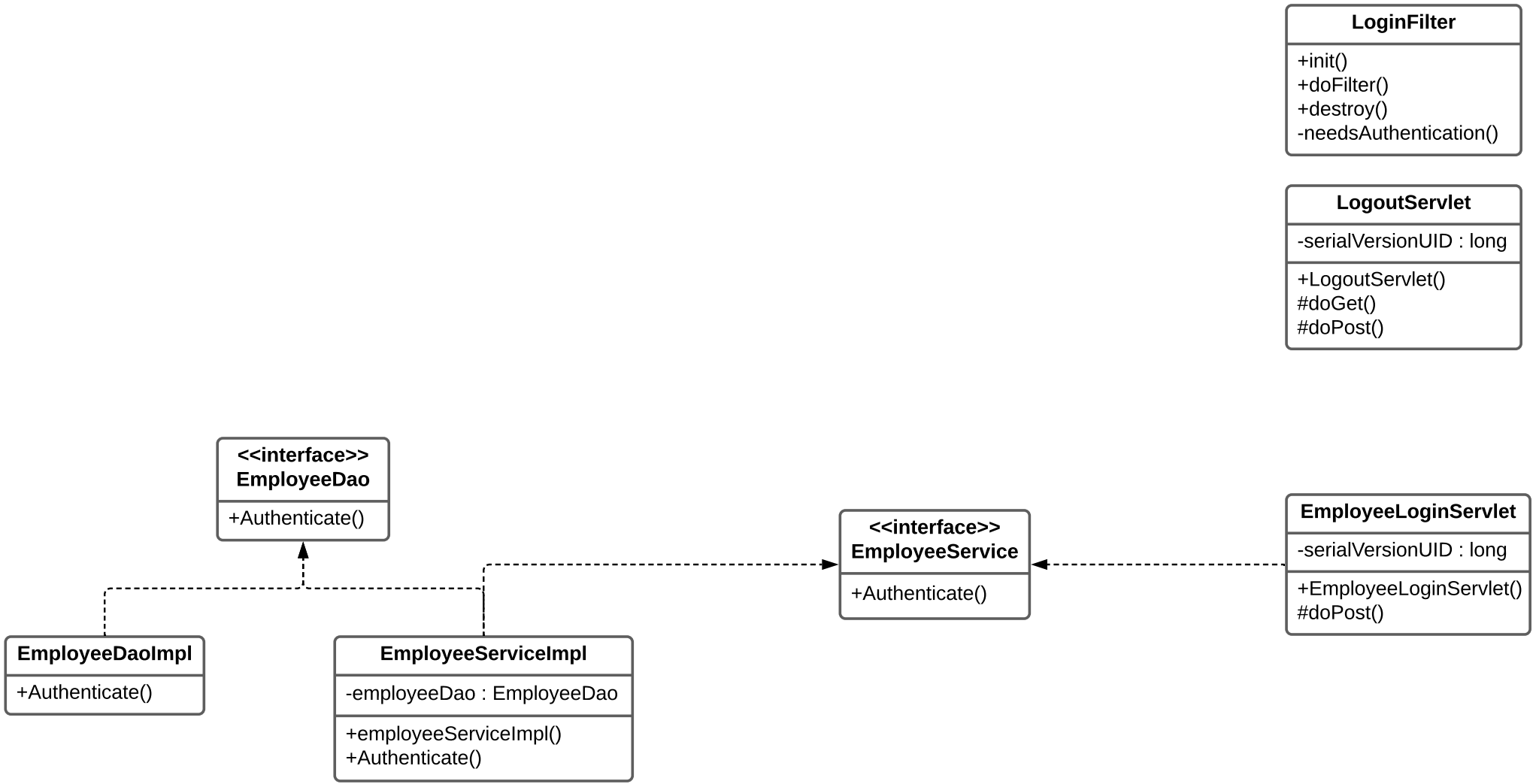
+getAllDocuments()
+getAllBanks()


LoginFilter
+init()
+doFilter()
+destroy()
-needsAuthentication()
LogoutServlet
-serialVersionUID : long
+LogoutServlet()
#doGet()
#doPost()
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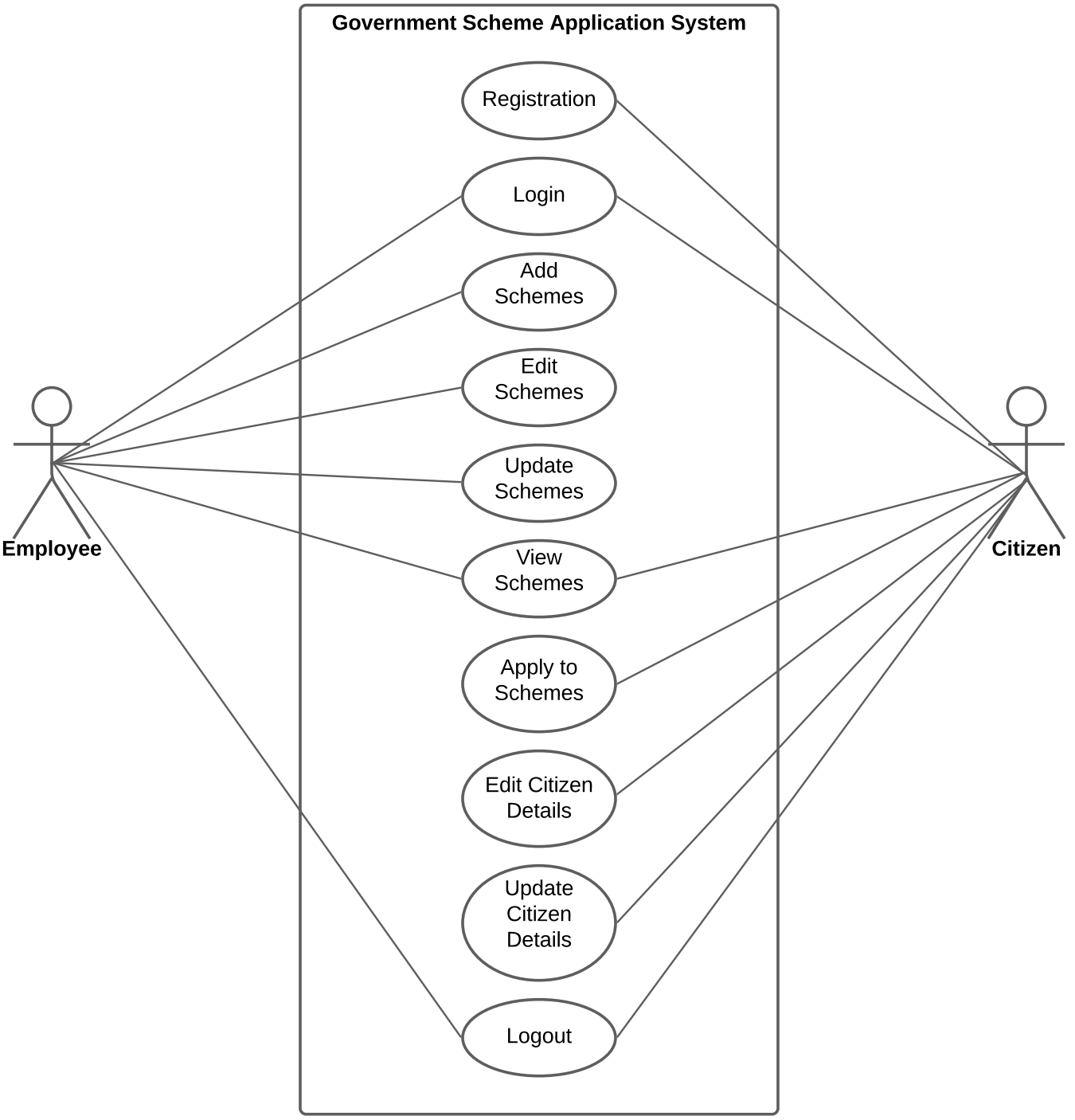
EmployeeDao
+Authenticate()
<<interface>>
EmployeeService
+Authenticate()
EmployeeLoginServlet
-serialVersionUID : long
+EmployeeLoginServlet()
#doPost()
EmployeeDaoImpl
+Authenticate()
EmployeeServiceImpl
-employeeDao : EmployeeDao
+employeeServiceImpl()
+Authenticate()

5. USE CASE DIAGRAM :



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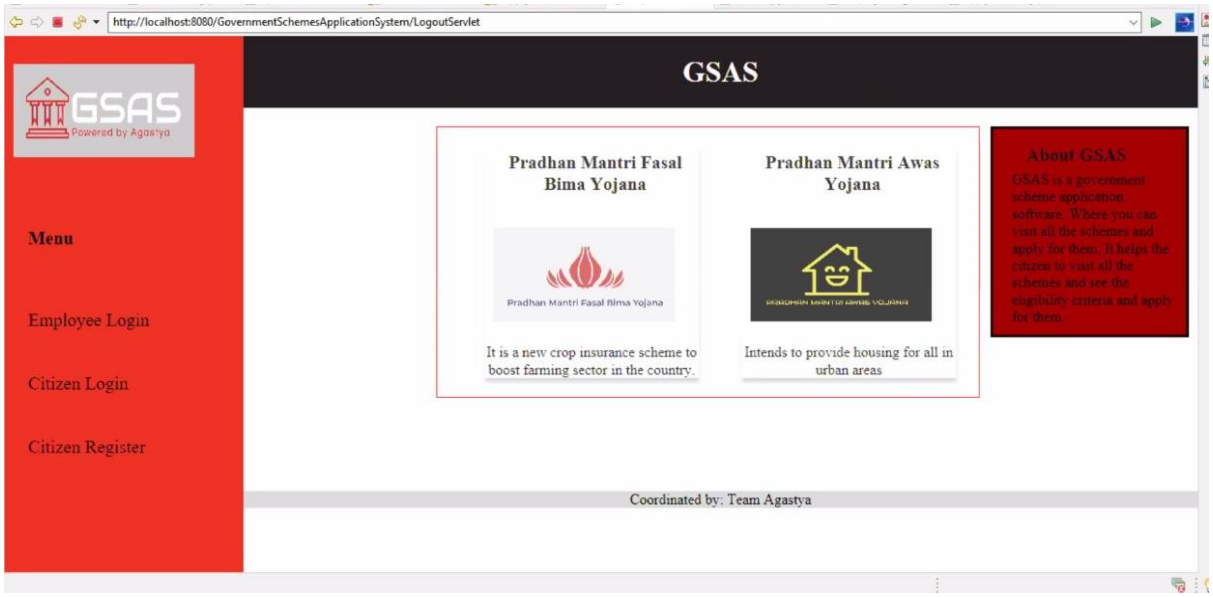
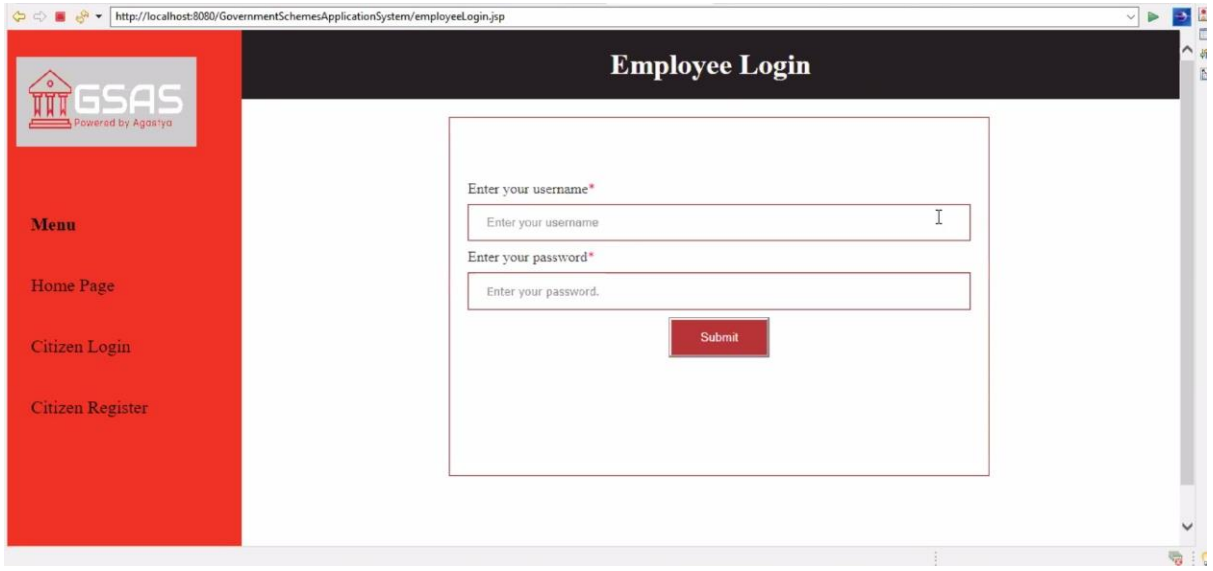
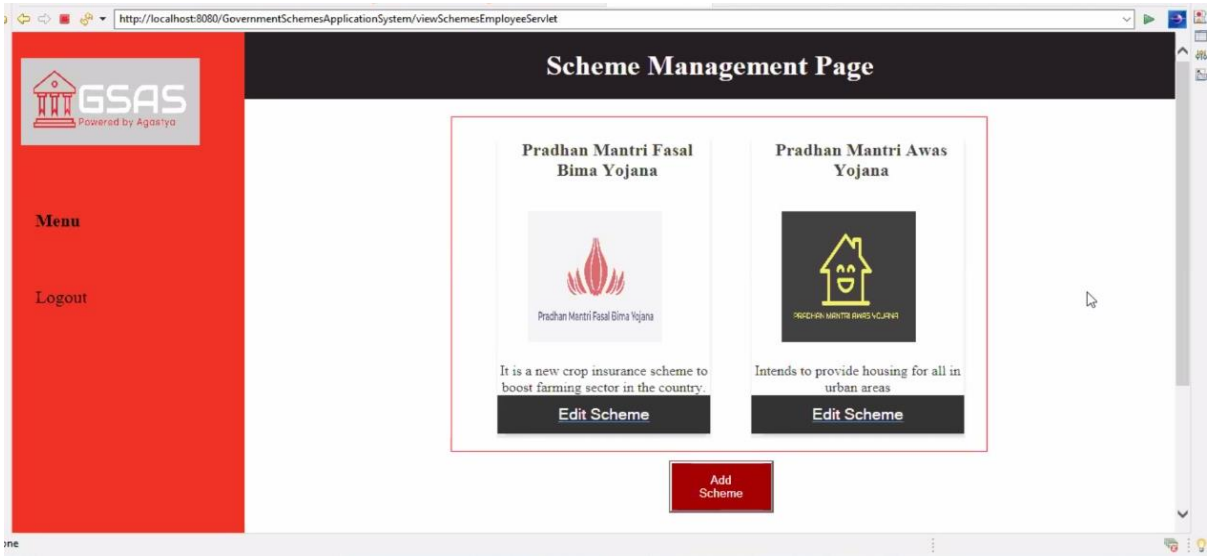
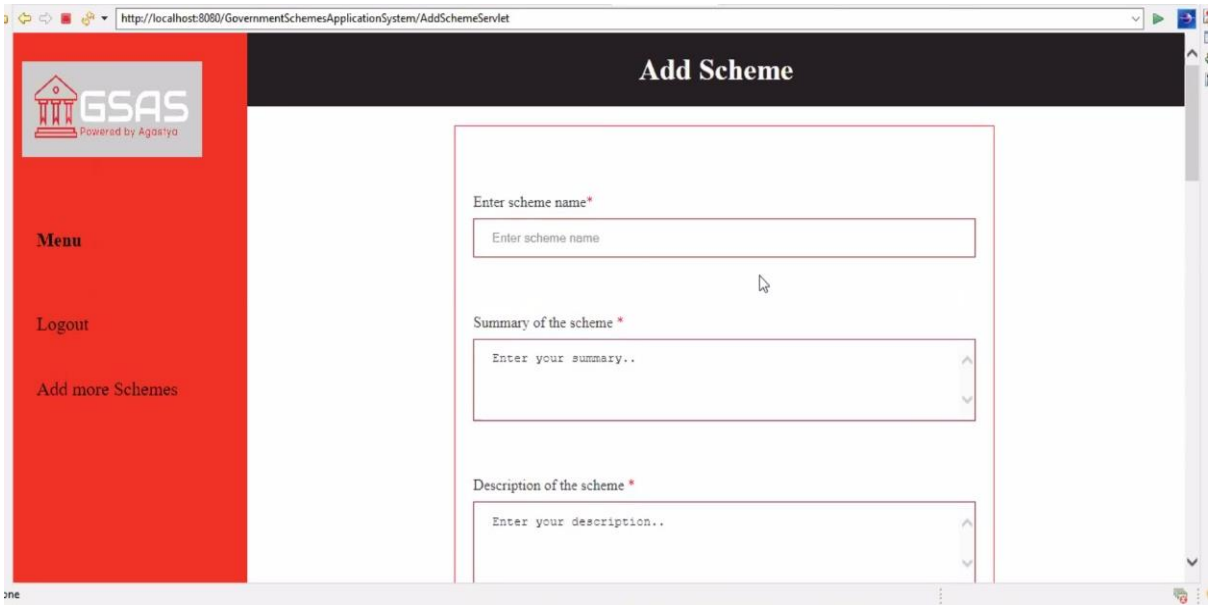
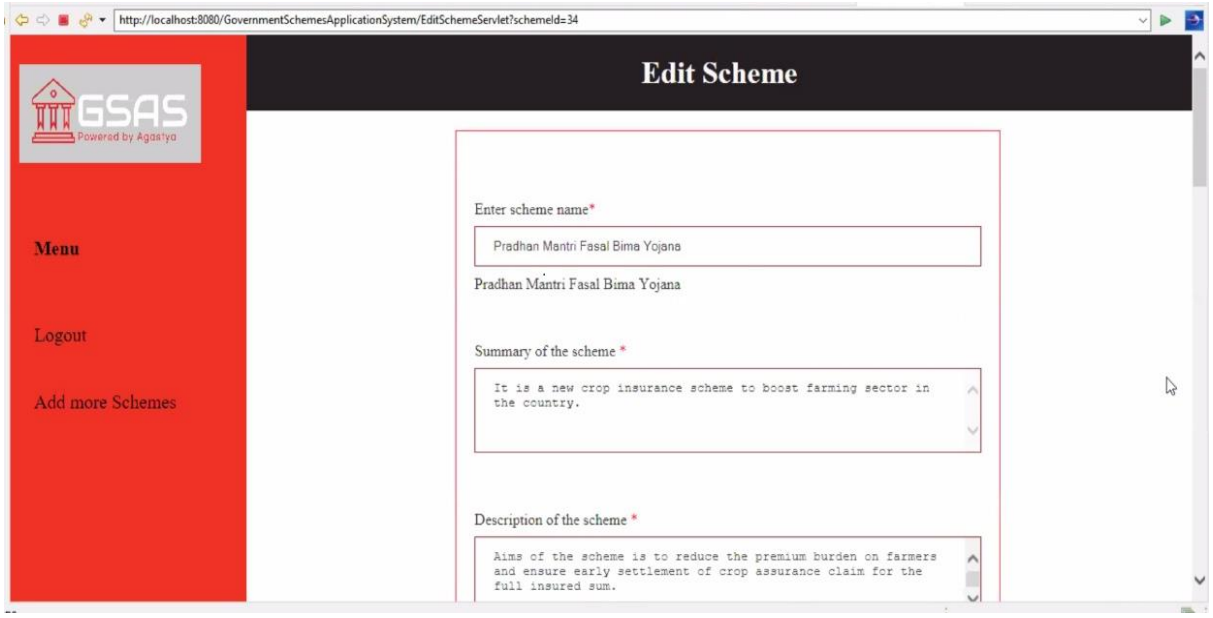
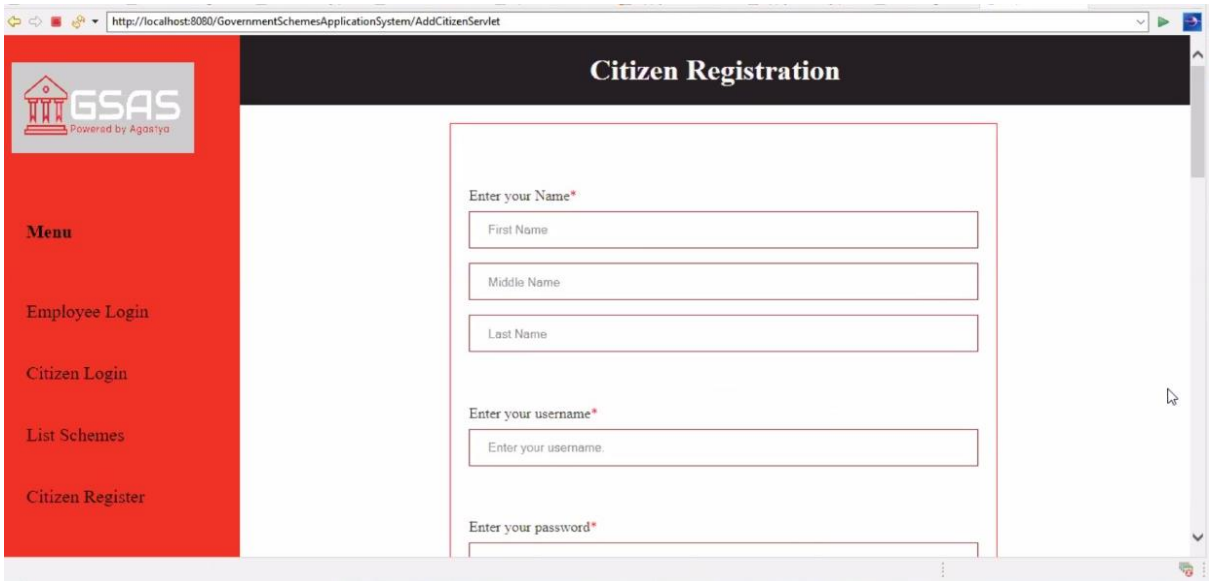


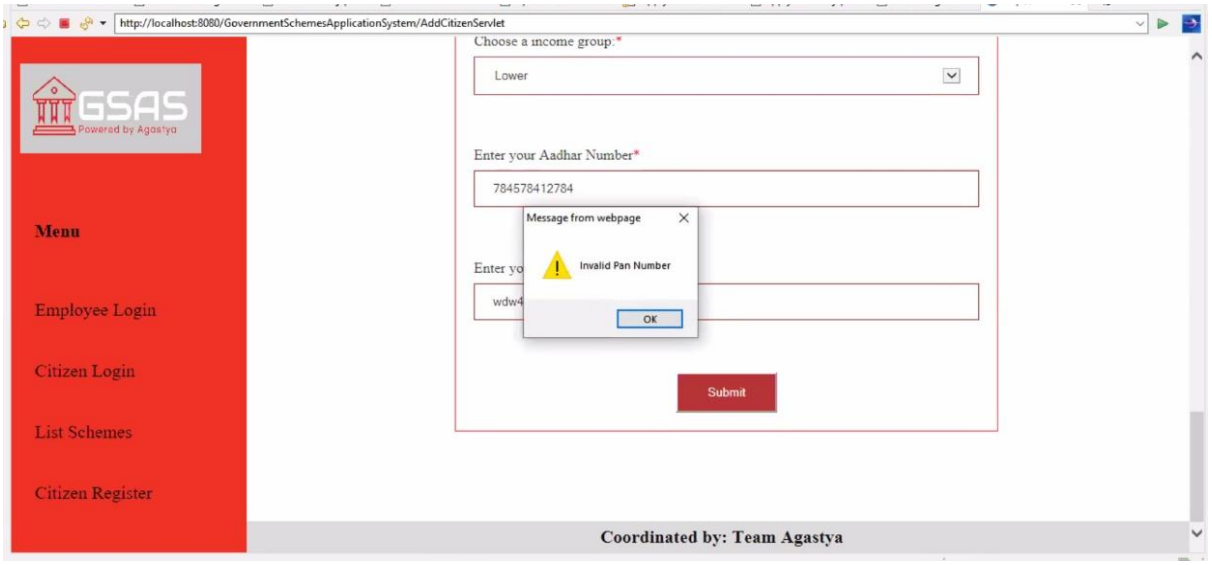


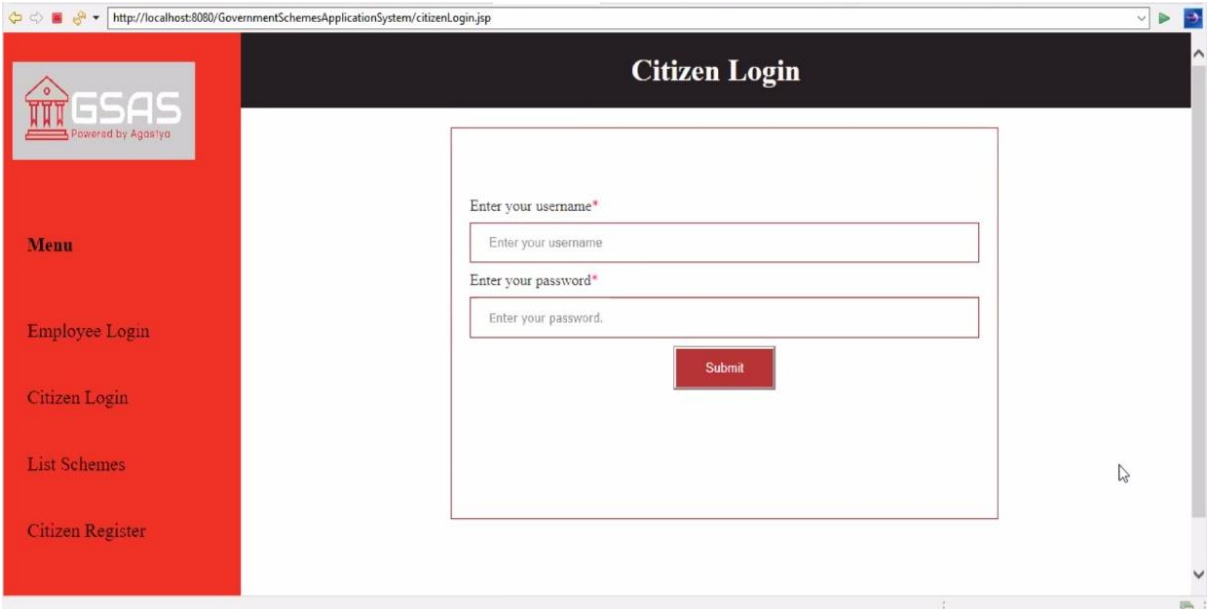



http://localhost:8080/GovernmentSchemesApplicationSystem/AddSchemeServlet
GSAS
Powered by Agastya
Add Scheme
Menu
Logout
Add more Schemes
Enter scheme name*
Enter scheme name
Summary of the scheme *
Enter your summary..
Description of the scheme *
Enter your description..


http://localhost:8080/GovernmentSchemesApplicationSystem/EditSchemeServlet?schemeId=34
GSAS
Powered by Agastya
Edit Scheme
Menu
Logout
Add more Schemes
Enter scheme name*
Pradhan Mantri Fasal Bima Yojana
Pradhan Mantri Fasal Bima Yojana
Summary of the scheme *
It is a new crop insurance scheme to boost farming sector in the country.
Description of the scheme *
Aims of the scheme is to reduce the premium burden on farmers and ensure early settlement of crop assurance claim for the full insured sum.


http://localhost:8080/GovernmentSchemesApplicationSystem/AddCitizenServlet
GSAS
Powered by Agastya
Citizen Registration
Menu
Employee Login
Citizen Login
List Schemes
Citizen Register
Enter your Name*
First Name
Middle Name
Last Name
Enter your username*
Enter your username
Enter your password*


http://localhost:8080/GovernmentSchemesApplicationSystem/AddCitizenServlet
GSAS
Powered by Agastya
Menu
Employee Login
Citizen Login
List Schemes
Citizen Register
Choose a income group:*
Lower
Enter your Aadhar Number*
784578412784
Message from webpage
Invalid Pan Number
OK
Submit
Coordinated by: Team Agastya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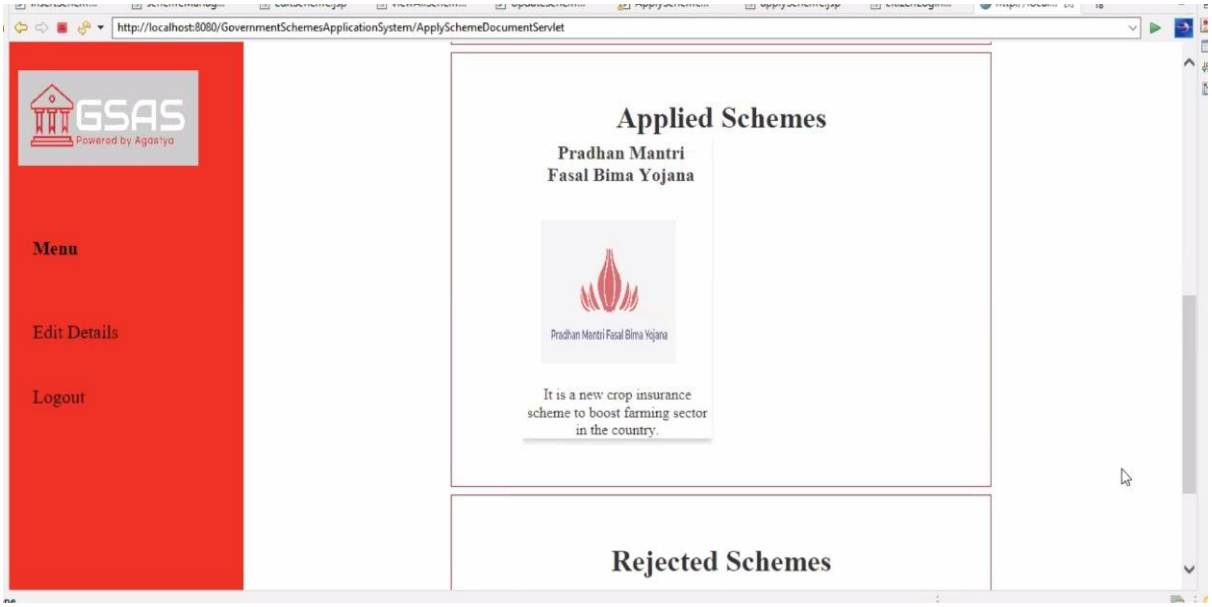
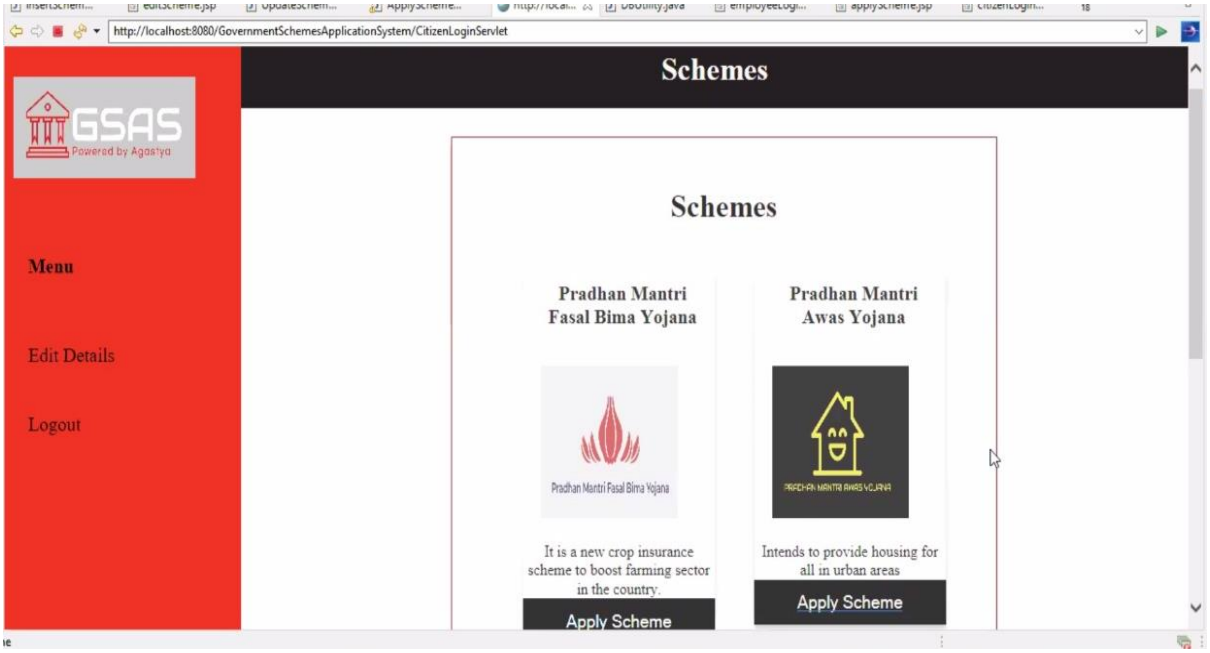
GSAS
Powered by Agastya
Menu
Employee Login
Citizen Login
List Schemes
Citizen Register
Citizen Login
Enter your username*
Enter your username
Enter your password*
Enter your password.
Submit


http://localhost:8080/GovernmentSchemesApplicationSystem/ApplySchemeDocumentServlet
GSAS
Powered by Agastya
Menu
Edit Details
Logout
Applied Schemes
Pradhan Mantri
Fasal Bima Yojana
Pradhan Mantri Fasal Bima Yojana
It is a new crop insurance scheme to boost farming sector in the country.
Rejected Schemes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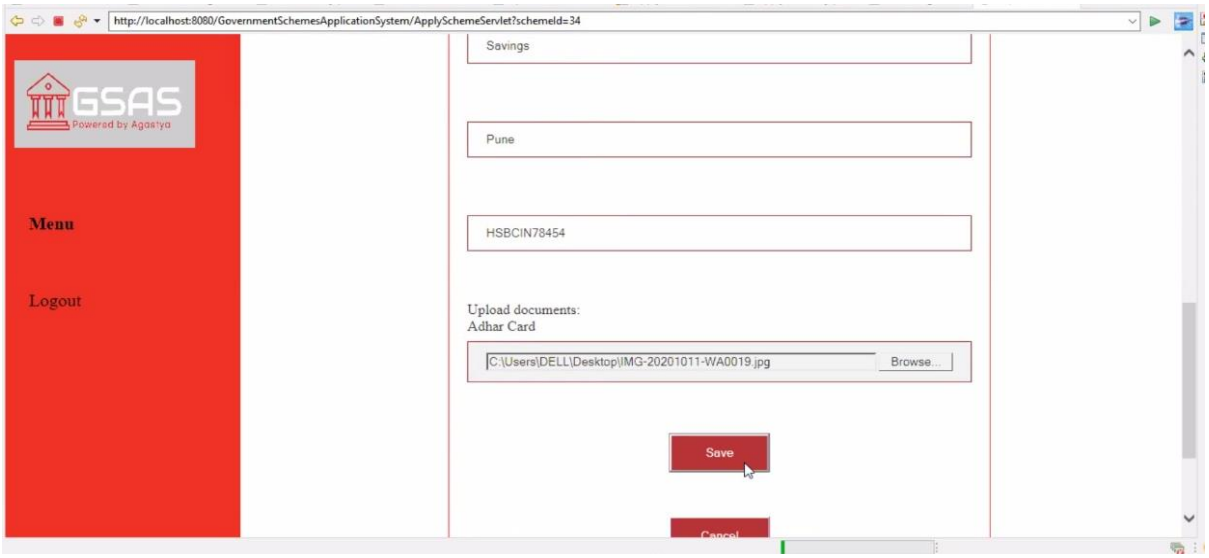
GSAS
Powered by Agastya
Schemes
Menu
Edit Details
Logout
Schemes
Pradhan Mantri Fasal Bima Yojana
Pradhan Mantri Fasal Bima Yojana
It is a new crop insurance scheme to boost farming sector in the country.
Apply Scheme
Pradhan Mantri Awas Yojana
Intends to provide housing for all in urban areas
Apply Scheme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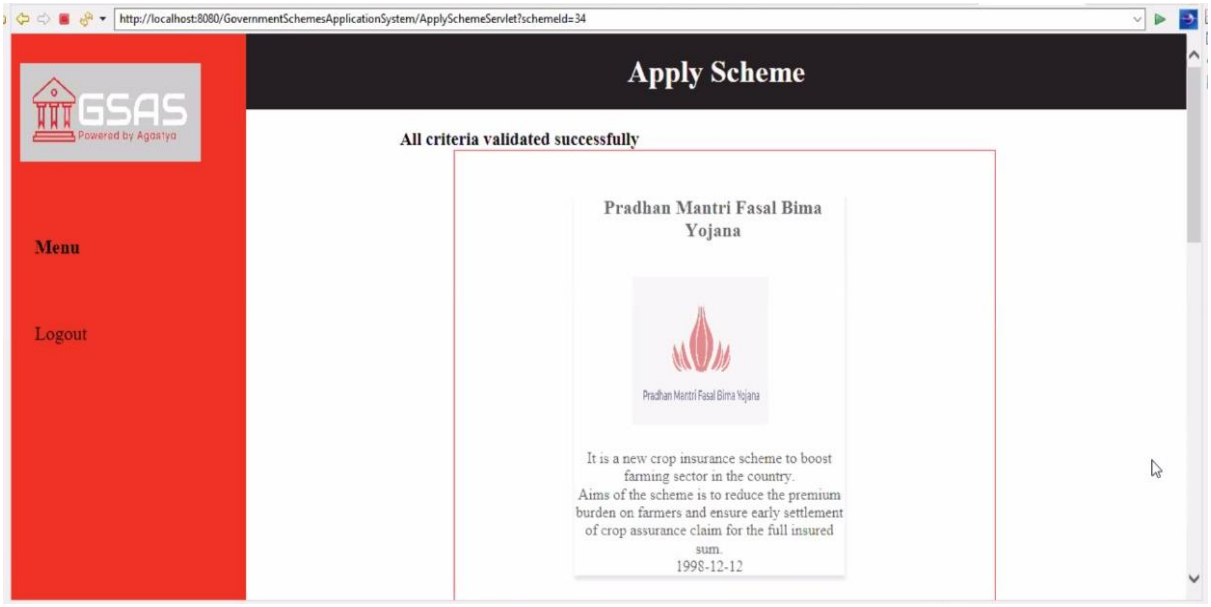
GSAS
Powered by Agastya
Menu
Logout
Savings
Pune
HSBCIN78454
Upload documents:
Adhar Card
C:\Users\DELL\Desktop\IMG-20201011-WA0019.jpg
Browse...
Save
Cancel


http://localhost:8080/GovernmentSchemesApplicationSystem/ApplySchemeServlet?schemeId=34
GSAS
Powered by Agastya
Menu
Logout
Apply Scheme
All criteria validated successfully
Pradhan Mantri Fasal Bima Yojana
Pradhan Mantri Fasal Bima Yojana
It is a new crop insurance scheme to boost farming sector in the country.
Aims of the scheme is to reduce the premium burden on farmers and ensure early settlement of crop assurance claim for the full insured sum.
1998-12-12