**PROJECT TITLE**

**ABCBANK APP**

* **SOTWARE REQUIREMENT**
* JDK11
* GIT
* MongoDB
* Junit 5&Mockito,
* Eureka
* Spring Suit Tools
* Swagger
* PostMan
* **MINIMUM HARDWARE REQUIRMENTS**
* CPU-2GHz Processor
* HDD-10GB
* Display Resolution 1024X800
* **PROJECT REQUIRMENTS**
* Each Microservices expose a set of REST/JSON endpoints for accessing business capabilities
* Each Microservices implements certain business function using the spring boot Framework.
* Each microservice stores its own persistent data using MongoDB database.
* Each Microservice implements best practice such as exception handling, Loggers,TestCases,Static code Analysis and build Tools.
* Microservices are built with Spring boot which has an embedded tomcat server the HTTP listener.
* **SYNOPSIS**

I try to build the most useful and easy to use banking service you can take an advantage of banking Service with one click from anywhere in India, you can use it with trust because we have added some Extra functionality like jwt (java web tokens)to secure your account with thief and with any other online scam.

The objective of the bank management system is to simplify your day-by-day process of banking. It is able to handle many services to take care of our customer. As solution to large amount of file handling happening in the bank this software used to overcome the drawbacks, safety easiness of using as most importantly efficiency of information retrieval is some benefit to development team going to present

With the system the system should be user appropriate easy to use, provide easy recovery of errors and Have over all end user high subjective satisfaction.

* **PRODUCT FUNCTION**

1. DepositeMoney
2. WithdrawMoney
3. Manage Customer
4. Manage Branch

**SYSTEM MODEL**

Diagram

Description automatically generated

**USE CASE DIAGRAM**

Diagram

Description automatically generated

**TABLE DESIGN**

**1-BRANCH**

**2-CUSTOMER**

**3- 2-CUSTOMER**

**2-CUSTOMER**

**BRANCH**

|  |  |
| --- | --- |
| **FIELD NAME** | **DATA TYPE** |
| BID | INTEGER |
| BCODE | STRING |
| LOCATION | STRING |
|  |  |

**CUSTOMER**

|  |  |
| --- | --- |
| **FIELD NAME** | **DATA TYPE** |
| ACCOUNT NUMBER | INTEGER |
| ACCOUNT NAME | STRING |
| ADDRESS | STRING |
| BALANCE | INTEGER |
| BID | INTEGER |
| PASSWORD | STRING |

**USERS**

|  |  |
| --- | --- |
| **FIELD NAME** | **DATA TYPE** |
| USERNAME | STRING |
| PASSWORD | STRING |

Diagram

Description automatically generated