

**CONTACT DICTIONARY**

Software Requirements Specification (SRS) Document

Sprint Implementation

Project Timeline:

20-10-2022 to 28-10-2022

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**PROJECT INTRODUCTION:**

* The purpose of this project is to implement the dictionary of contacts in which store the information of all personal and business contacts. It enables the user to update, delete and lists the all personal and business contacts.
* This project includes name, mobile number, birthdate, emergency contact, company name, designation, company web-site.

**FLOW DIAGRAM OF APPLICATION:**

User Case Diagram:

Invalid login

Valid login

**USER DIAGRAM FOR REGISTRATION:**

Register

Contact Details

unsuccess

success

Login

Perform Operations

Like Add, Delete list all contacts.

Logout

**APPLICATION FUNCTIONS: -**

* In this application we can update, delete and list the all contacts.
* You can list the contacts by name, phone no and address.
* This application stores all the information of users.
* It stores the all the details of the user in a file.

**FUNCTIONALITIES: -**

**For user registration:**

The user registration is to be created for non-admins and the data of the registered user is stored in a file for login the details from the user compared with the new user registration.

**Failure login:**

Login failure of the user it will display an message like login is failed please enter valid details.

* **Add new contacts:** With information such as name, phone number and address.
* **List all contacts:** Lists all the contacts stored in the file with their respective contact details.
* **Delete contacts:** Deletes contacts from the file.

**VALIDATION FOR USER:**

The main function is to compare the entered username and password with registered username and password stored in the data file in the new user registration.

**NEW USER REGISTRATION: -**

**User authentication:**

New user registration has a list of registered users, when user request to new user registration, it will check in their file storage, if user found in the credentials of use is correct then connection between the user and new user registration will be established.

**NEW USER REGISTRATION AUTHENTI-CATION OF ACTIVE AND NON-ACTIVE USER:**

New user registration has list of all the users, when the user login, new user registration will check in the file storage for the current logged in users and display their active status to each logged in users except themselves.

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**USER SIDE: -**

**User request to new user registration for authentication of only registered users:**

User will be having menu drive theme, if the user is already registered in file storage, that user will be sending authentication request to new user registration after entering the valid credentials.

**NEW USER REGISTRATION REQUEST TO USER:**

If the user is the new users and he opt as a new user in menu driven theme, the user will be registered in the file storage after entering the valid credentials. That new user will be sending registration authentication request to new user registration. The new user registration will assign a unique IP address to the user as a unique identification of the user.