**Notes Assistant**

**Team Name:** Turbo Coding Squad

**Member Name:** Utkarsh Goel, Ujjwal Tripathi, Sakshi Gupta, Yati Jaiswal

**Team Representative:** Utkarsh Goel

**Domain Name:** Utility

**Project Title:** Notes Assistant

**Project Description**

* It is a note keeper that can be accessed only through login credentials so that user data is protected.
* User can perform CRUD operations.
* After Users enter their details to create an account, we’ll verify their identity by sending an OTP to their provided email address.
* User also have an option to encrypt a particular note on which they want an extra layer of security.
* It has a feature of Assistant from whom user can ask a query about our notes management system and moreover it will be the one to ask which CRUD operation user wants to perform.

**Create the Data Dictionary for User Entity:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Column Name** | **Column Type** | **Column Size** | **Constraints** |
| 1 | name | String | 100 | Cannot be blank |
| 2 | email | String | 100 | Cannot be blank, always unique |
| 3 | Phone number | String | 10 | Cannot be blank, 10 Digits only |
| 4 | username | String | 100 | Cannot be blank, always unique |
| 5 | password | String | 50 | Cannot be blank |

struct User{

char name[101], email[101], mobile[11], username[101],password[51];

};