

Comsats University Islamabad

# Mobile App Dev

Project Proposal Document



Project Title: **Notist**

Student name: Abdullah Mohammad Shafique

Reg#: FA19-BCS-007

Submitted to: Mr. Junaid Ali

Date: 27 / 05 / 2022

# Mobile Application Development

## Project Proposal

### Introduction:

Notist application that is being developed for Android devices is a Note taking Application. The notes are stored on the Server (cloud) associated with the user account which user first registers into the app. This way the notes remained synced on devices the user logs in to. The application, along with note taking, provides file uploading and saving. It will make the process of moving files from device to computer and vice versa very easy. The user can create notes along with Images, and upload Files. User can log in to the Web application to retrieve all the notes and download / upload files. The users can also search, Edit, and delete notes. Tags can also be added to notes which will provide better filtering and sorting ability.

### Modules:

#### 1. Registration / Login

Users can register accounts and login. This way their notes and files remain saved in the cloud storage of the database and retrieved on the web application.

- Register / Login with local strategy (Email and password)
- Register / Login with Google authentication
- Register / Login with GitHub

#### 2. Note Management

Users can create notes including the text along with images and add tags to the notes for better sorting etc. The management will provide features of searching, creating, editing, and deleting notes along with search by tags feature.

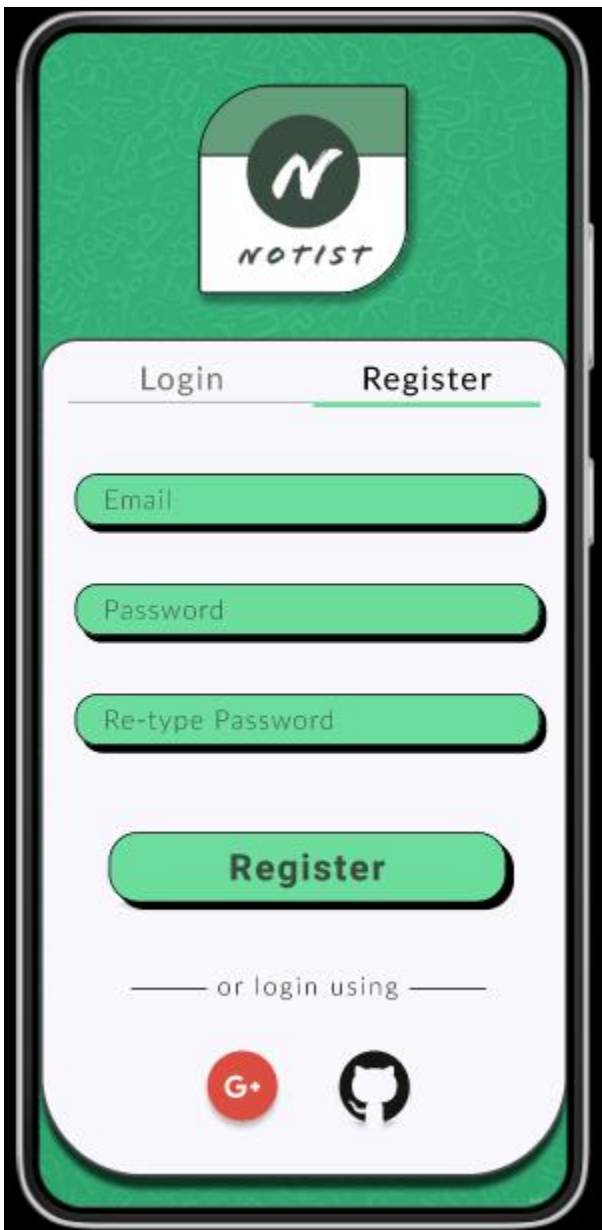
- Create Blank Notes.
- Enter Text in notes and save them.
- Add Images in notes.
- Add Tags to notes.
- Search Note by title.
- Search note by Tag.
- Search note by text.
- Edit Note.
- Delete Note.

### 3. File Management

Another Feature includes uploading Files. This feature helps in sharing files between computer and mobile. Users can upload files, download files, and delete files.

- Select File for file browser.
- Enter optional title.
- Add tags.
- Download file.
- Search file by filename and title.
- Delete File.

### Mockups:



**Description:** This is the Registration screen. The user will require email and password credentials. User can switch to login tab. User can also login using Google and GitHub oAuth.



**Description:** This is the Login screen. The user will require email and password credentials for logging in. User can switch to Register tab for new account registration. User can also login using Google and GitHub oAuth. In case of forgotten password, password can be recovered using registered email by clicking on 'forgot password?'



**Description:** This is where all the notes are displayed. User can add notes by clicking '+' icon. User can quickly switch tab to uploading files, settings, and profile through bottom tabs. The notes can be searched by clicking the magnifying glass icon.