Murajapam Portal – User Flutter App

Project Overview

The **Murajapam Portal** user-side mobile application will be developed using **Flutter** for **Android**.

It enables participants to register, upload documents, check registration status, receive notifications, and download certificates.

The backend API will provide all required data through REST endpoints.

Scope of Work

- Develop a modern **Flutter application** for **Android**.
- Integrate REST APIs for:
    - User authentication & registration
    - Document upload & management
    - Certificate viewing & downloads
    - Notifications and help content
- Enable **PDF upload**, preview, and download.
- Provide **testing** and bug fixing.
- **Play Store deployment is excluded.**
- **iPhone & App Store deployment costs** will be provided separately if required.

API Endpoints (16 Total)

#	Endpoint	Description
1	**POST /auth/register**	Register a new user
2	**GET /auth/registration-status**	Check registration approval/rejection
3	**POST /auth/login**	Login after approval

#	Endpoint	Description
4	**POST /auth/logout**	Logout and invalidate session
5	**GET /me**	Fetch user profile & registration status
6	**GET /documents**	List uploaded documents & server rules
7	**POST /documents**	Upload documents (PDF/JPG/PNG)
8	**DELETE /documents/{id}**	Delete uploaded document
9	**GET /certificates**	List available certificates
10	**GET /certificates/{id}/download**	Download certificate PDF
11	**PUT /me**	Update profile details (pre-approval)
12	**POST /auth/forgot-password**	Start password reset
13	**POST /auth/reset-password**	Complete password reset
14	**GET /notifications**	Fetch app notifications & approval updates
15	**GET /content/faq**	Get static help/FAQ content
16	**GET /health**	Server/app readiness check

Flutter App Screens (16 Total)

#	Screen Name	Purpose
1	Splash Screen	Check login/registration status
2	Login Screen	User login after approval
3	Registration Screen	New user registration form
4	Registration Status Screen	Show Pending/Approved/Rejected states
5	Home / Dashboard Screen	Overview, event info, quick links
6	Profile Screen	View and manage user profile details
7	Documents List Screen	Show uploaded documents & rules
8	Upload Document Screen	Upload or replace PDFs/images
9	Certificates List Screen	Display available certificates

#	Screen Name	Purpose
10	Certificate Download Screen	Preview and download certificates
11	Notifications Screen	Show approval updates & announcements
12	FAQ / Help Screen	Display static help content
13	Forgot Password Screen	Start password reset process
14	Reset Password Screen	Enter OTP and set a new password
15	Settings Screen	Manage account, update profile, logout
16	Server Error Screen	Shown when the app/server is down

Timeline (5 Weeks Total)

Phase	Duration	Deliverables
Week 1	Project setup, theme integration, UI/UX design	
Week 2	Authentication & registration flows	
Week 3	Document management module + certificates module	
Week 4	Notifications, FAQ, password reset, settings	
Week 5	Testing, bug fixing, and final build delivery	

Cost Estimate

Item	Amount
Design + Development (Android only)	₹80,000
Play Store Deployment	*Excluded*
iPhone & App Store Deployment	*Cost to be provided later if required*

Payment Terms

- **40%** — Project initiation
- **30%** — After completing core modules
- **20%** — After testing & UAT

- **10%** — Final handover