Project Synopsis/Project Concept Document
(Due: 25th January)

Project number	*15*
Project Title	***Mobile Interface for Leave Requests / Approvals***
Document	DASS Project Concept Document
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Description

This project involves the development of a mobile application for Android and iOS platforms dedicated to the IMS website of IIIT Hyderabad. Students can utilise the application to submit requests for leave,travel they can view attendance and transcript. Furthermore, students can access and view their profile details including address, bank details and general information. Additionally students can add or edit bank details.

Profile of Users

IIIT Students: Students will use the mobile app to apply for leaves,travel view attendance and transcript, and status tracking of applied requests. Students will be able to view their profile. Additionally students can add/view bank details.
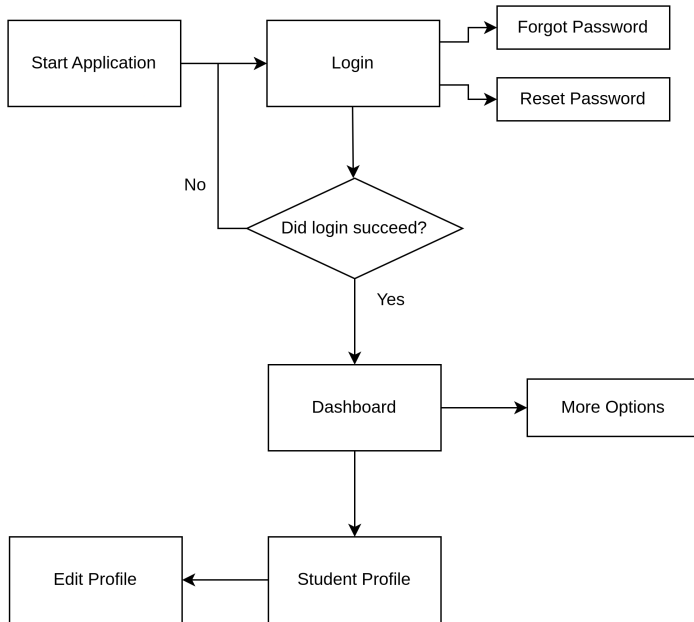
IIIT Faculty: Faculty can use the application to view their profile details, as and when required. Also have a different dashboard with access to different pages.
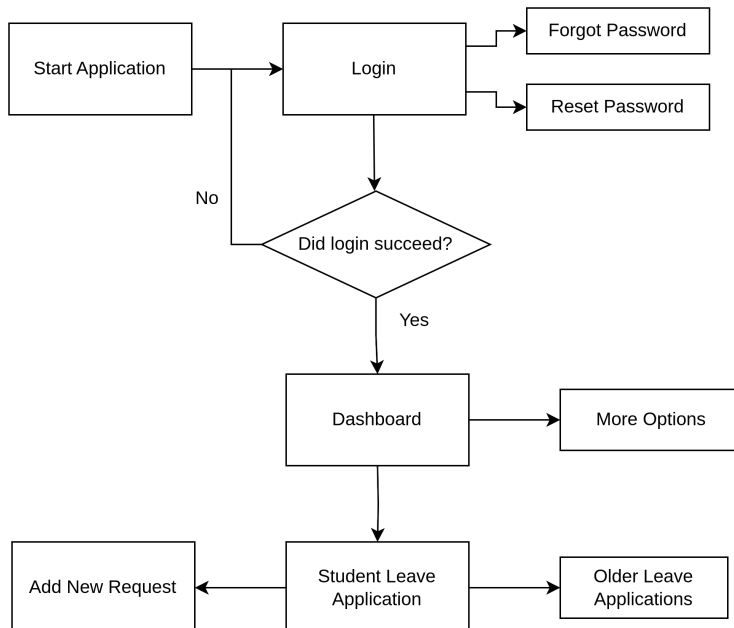
Usage Model and Diagrams

1. Student Profile
   a. Users: Students i.e Undergraduate students
   b. Steps:
      - Users start the application.
      - They log in using LDAP credentials.
      - They are taken to the dashboard, showing various options.
      - Users select the profile option.
      - They can view their details here.
2. Student Leave Application
   a. Users: Students i.e Undergraduate students
   b. Steps:
      - Users start the application.
      - They log in using LDAPcredentials.
      - They are taken to the dashboard, showing various options.
      - Users select the Student Leave Application option.
      - To add a new leave request, they select the respective option.
      - They enter the required details and upload relevant documents, and then submit.
3. Faculty Profile
   a. Users: Faculty
   b. Steps:
      - Users start the application.
      - They log in using LDAP credentials.
      - They are taken to the dashboard..
      - Users select the profile option.
      - They can view their details here.

Use Case Flowcharts

1. Student Profile

```
Start Application  →  Login  →  Forgot Password
                                →  Reset Password
                        ↓
        No          Did login succeed?
                        ↓ Yes
                    Dashboard  →  More Options
                        ↓
Edit Profile  ←  Student Profile
```

Start Application → Login

Login → Forgot Password

Login → Reset Password

Did login succeed? — No / Yes

Dashboard → More Options

Student Profile → Edit Profile

2. Leave application

```
Start Application  →  Login  →  Forgot Password
                                →  Reset Password
                        ↓
        No          Did login succeed?
                        ↓ Yes
                    Dashboard  →  More Options
                        ↓
Add New Request  ←  Student Leave Application  →  Older Leave Applications
```

Start Application → Login

Login → Forgot Password

Login → Reset Password

Did login succeed? — No / Yes

Dashboard → More Options

Add New Request ← Student Leave Application → Older Leave Applications

3. Faculty Profile