PES University

INGENIUS 2020

#GET SET HACK

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IDEA / APPROACH

Around the world, lakhs of students have been impacted by the lockdown provoked by the COVID-19 pandemic and are out of engineering as they need to prepare by their own with the satisfied materials and to develop their knowledge.

So that, we are building a platform to help engineering students **to find free resources appropriate by peer-to-peer learning and sharing** for their present& future needs.
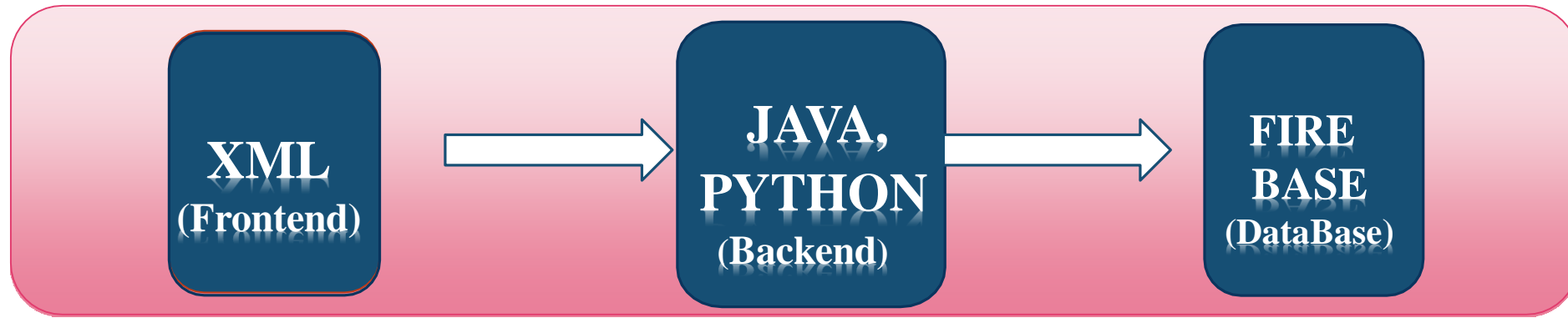
Our application allows engineering community (both students and teachers) around the world to upload study materials in their respective field (department) which can be accessed by everyone.

Apart from study materials they can also upload some of the useful free courses ,upcoming hackathons , webinars , internships ,to upgrade themselves.

IDEA / APPROACH

To interact with our users, we also provide a Chat Bot through that they can easily access our application.

User can save the notes and it can be used at later . They can also share the materials .

Also the users can think that why we need to upload these, so that what is useful for me like that . For that we are giving some points based on the number of uploads , by using these points we are building a startup, their they can use these points to join the internships for offer price or even for free which will interact more number of users to do so.

TECHNOLOGY STACK AND USE CASES

XML (Frontend) → **JAVA, PYTHON (Backend)** → **FIRE BASE (DataBase)**

This application runs only on android stock Os hence it depends on android devices and its main show stopper is its **internet dependability.**

SERVICES
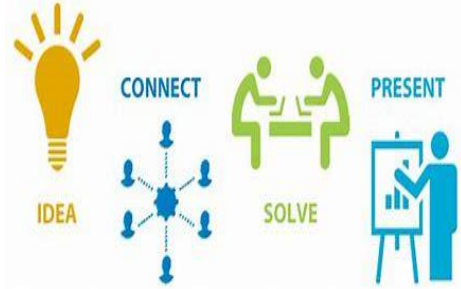
Our services includes:

1. Notes
2. Extra Activities (hackathon ,webinar , competition)
3. Internships
4. Courses

NOTES

➢ Here semester wise and within it the subject wise the notes are available. So the users, no need to search for it.

➢ Also the users can act as in both way(to upload the notes or to view the notes which are already uploaded).

EXTRA ACTIVITY , COURSES , INTERNSHIPS

➤ Here they can upload the poster or information of the available hackathons ,webinars ,competitions , internships ,courses.

➤ Also the links to access it are uploaded or viewed by users.
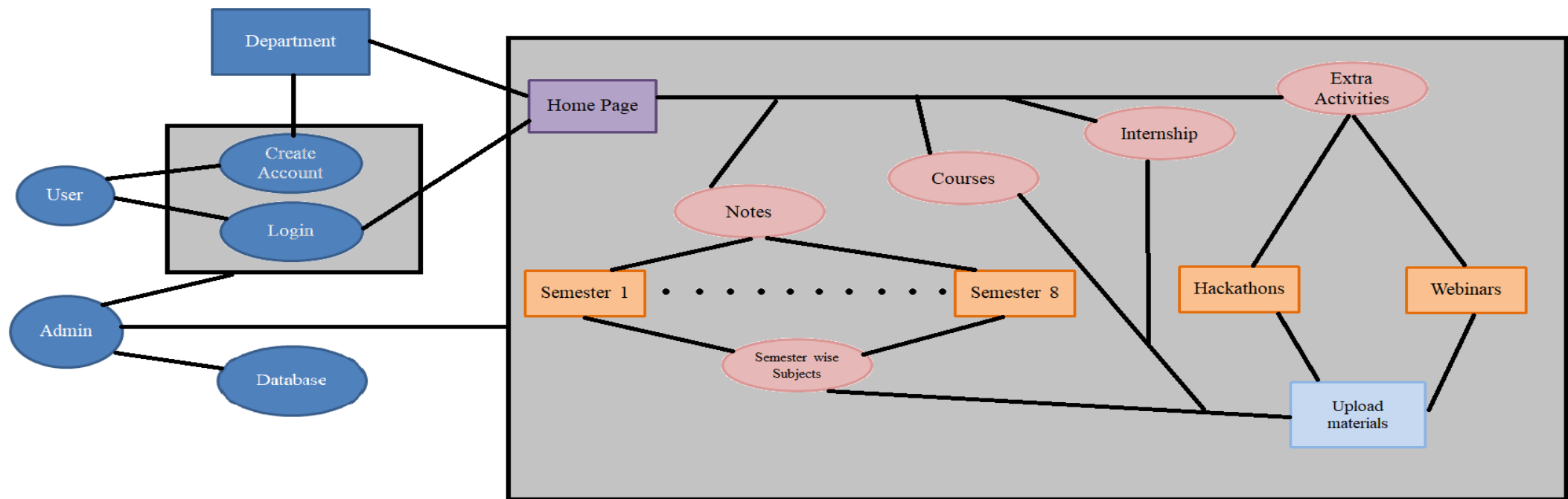
SOCIAL IMPACT ANALYSIS WITH COVID19

IMPACTS OF OUR PROJECT IN COVID-19 PANDEMIC:

➤ Due to this covid-19 situation, the schools and the colleges are closed , also the students need to prepare by this online classes.

➤ As I'm an engineering student one of the major disadvantage I faced was getting a proper and understandable notes. So I decided to make this application especially for engineering students through which they can easily access the notes for free which is uploaded here with department wise.

SOCIAL IMPACT ANALYSIS WITH COVID19

➢ And also in this times , many events like hackathon, webinars and competitions are conducted and the students need to search for it. So we decided to manage this all features in one application which is a broad way for the students to develop their skills .

➢ Also if they need to participate in hackathon they should know the platform before competing with others for that we have also included courses and the internships as one of the feature here.

BLOCK DIAGRAM

SWOT ANALYSIS

S STRENGTHS

W WEAKNESSES

O OPPORTUNITIES

T THREATS

Users can easily access their referred notes. Also in this one application all the needed features of a particular students can be outfitted.

Only weakness here is Internet dependencies

As this is user friendly, it has no threats in the application and only service is it's motto

This application provides more opportunity to the students to develop their skills and prove it in a same platform .

THANK YOU