



SE Project Presentation Placement Gyaan and Training Portal



TEAM

Group - 7

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Users Identified

Primary Users

IITM students (freshers, seniors), Recent passouts, IITM alumni

Secondary Users

Admins, Aptitude test preparing staff, Subject experts taking sessions

Tertiary Users

IITM management analysing student performance, parents



User Stories

Story 1

As a first year student

I want to understand the general requirements that every company is looking for

So that I can get to plan my preparation accordingly throughout the degree

Story 2

As a member of Aptitude test preparing staff

I want to add past aptitude test questions and the coding questions

So that I can provide students with a comprehensive and relevant preparation material for aptitude and coding test



Story 3

As a student

I want to share my interview experience and questions asked

So that I can help my peers get an idea of what is asked in interviews.

Story 4

As an alumnus

I want to share my campus placement experience after a few years of my career

So that I can help bridge the gap between academia and industry for students



Story 5

As an admin

I want to share for aptitude tests with students

So that I can evaluate their performance and plan their preparation accordingly

Story 6

As a student

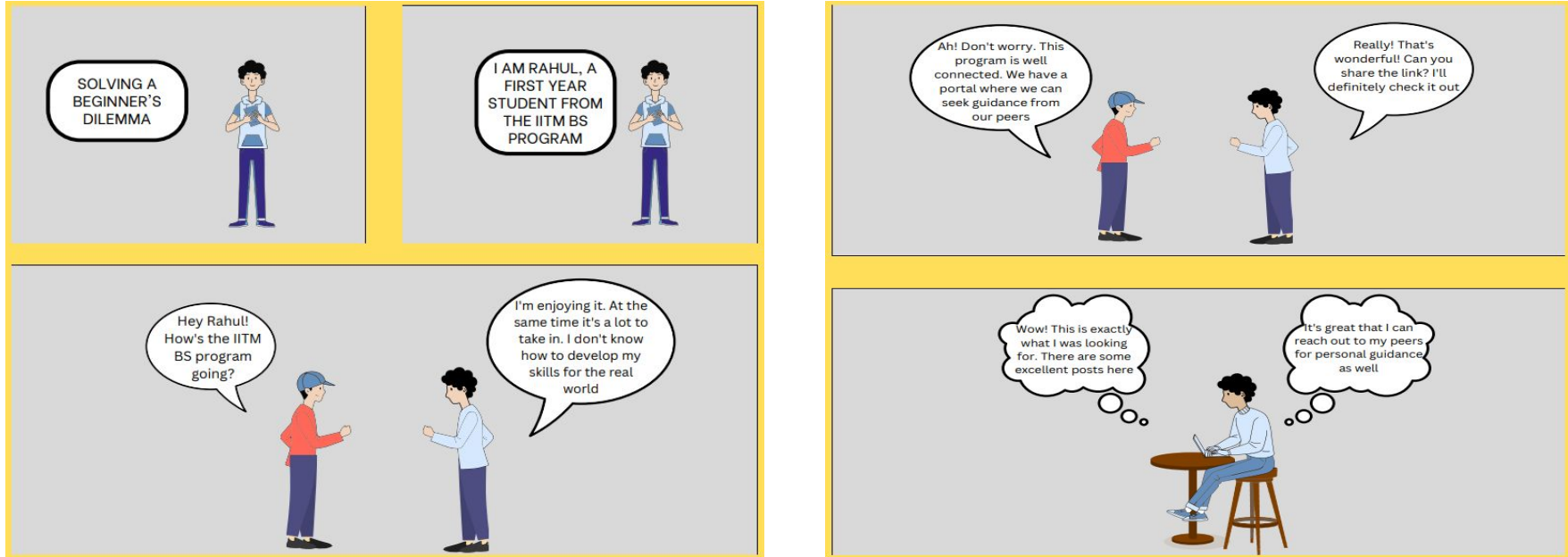
I want to filter the interview questions by job title/company name

So that I can find the questions that are relevant to me



STORYBOARDS

Story-1 : Rahul has taken admission in IITM's BS Degree Program. But he is concerned with the internship and placement opportunities.



Story-2 : Sandhya is a final year student but she is worried about her placements. She is unaware of what to, how to and from where to prepare.





WIREFRAMES



FOR STUDENTS

IITM TNP Portal

PostsInterviewCompaniesLogin

Email

Password

Login

IITM TNP Portal

PracticePostsInterviewCompaniesLogout

+ Add a post

Search by tags ...

User 2 (Foundation)Tags

Some question to ask general audience

User 15 (Diploma)
Reply from user 15

User 2 (Diploma)
Reply from user 2 to user 15

User 18 (Alumni)
Reply to user 2



IITM TNP Portal

Practice


Posts

Interview


Companies

Logout


Search ...




Aptitude Test - 1
ML, Amazon, Data Scientists




Coding Round - 2022
DSA, XYZ ltd. , SDE




Aptitude Test - 2
Tags



Aptitude Test - 3
Tags



Aptitude Test - 4
Tags



IITM TNP Portal

Practice

Posts

Interview

Companies

Logout

+

Share Experience

Search by Company ...

User 1 (Job Role)

XYZ Ltd. (logo)

Interview Experience Line - 1

Interview Experience Line - 2

Interview Experience Line - 3

Interview Experience Line - 4

Interview Experience Line - 5

User 2 (Job Role)

ABC Ltd. (logo)

Interview Experience Line - 1

Interview Experience Line - 2

Interview Experience Line - 3

Interview Experience Line - 4

ADMIN OR SUPER ADMIN

IITM TNP Admin Portal

Practice SetsQuestionsLogout

+

Create a Practice set

Search ...

Aptitude Test - 1
ML, Amazon, Data Scientists

ViewEditDelete

Coding Round - 2022
DSA, XYZ Ltd. , SDE

ViewEditDelete

Aptitude Test - 2
Tags

ViewEditDelete

Aptitude Test - 3
Tags

ViewEditDelete

Aptitude Test - 4
Tags

ViewEditDelete

IITM TNP Admin Portal

Practice SetsQuestionsLogout

+

Add a Question

Water Image

Water Image
Amazon,Coding , 2021 (Tags)

ViewEditDelete

Water Image -1
(Tags)

ViewEditDelete

Water Image -2
(Tags)

ViewEditDelete

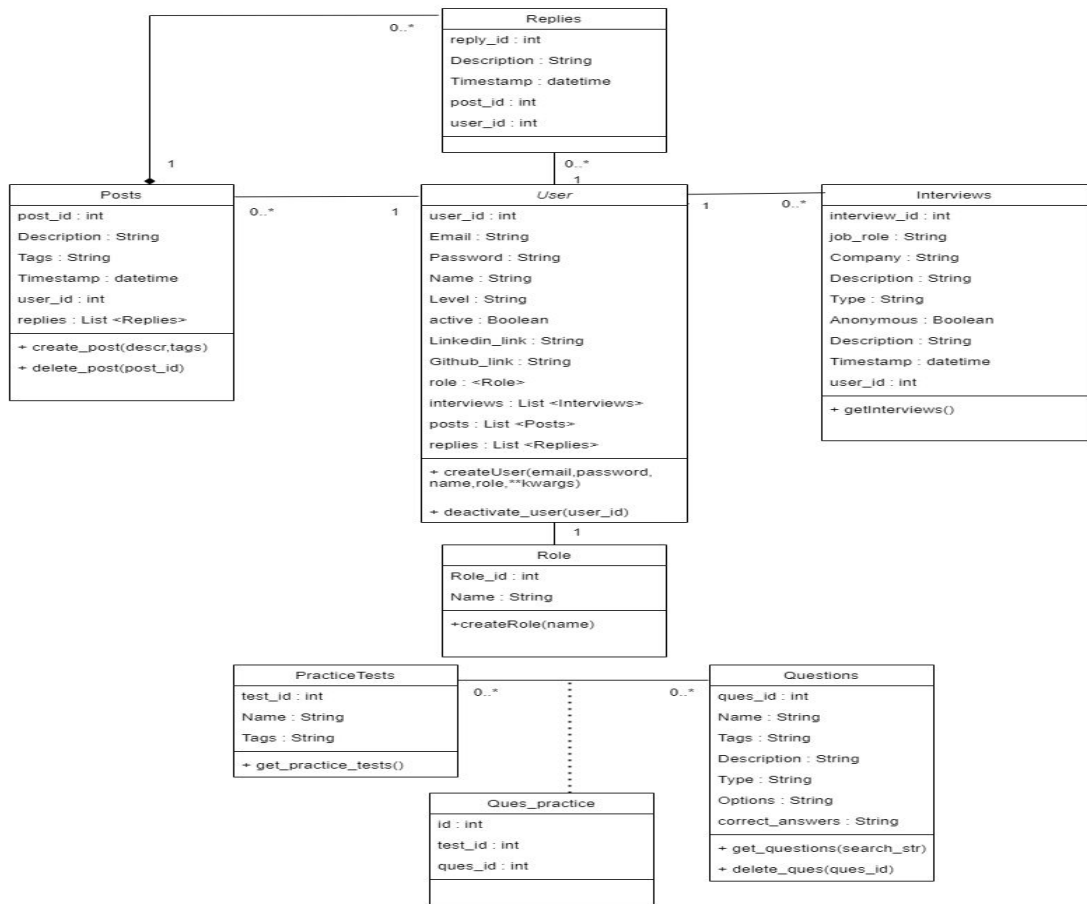
Water Image -3
(Tags)

ViewEditDelete



COMPONENTS

- **Authentication Component**
- **User Management Component**
- **Interview Component**
- **Posts Component**
- **Question Component**
- **Practice Set Component**





PLANNING AND COMMUNICATION

- Utilizing a combination of messaging platforms and virtual meetings for effective communication.
- GMeet link established for regular meetings, scheduled based on project needs.
- Project milestones outlined and tracked using JIRA roadmap
- Continuous communication and feedback loop.



DEVELOPMENT PHASE: BUILDING THE APP

API Development & Unit Testing

- Aligned development with components and user stories.
- Developed APIs, tested with Thunderclient and pytest.

Frontend Development with Vue

- Employed Vue.js for frontend development.
- Prioritized clear communication and UI/UX discussions.

Iterative Development Approach

- Agile principles for iterative progress.
- Continuous integration between backend and frontend.