



BASIC TEAM DETAILS

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TEAM NAME : TRIDENT

TEAM LEADER : TUHIN SAHA (BTECH CSE)

TEAM MEMBER - 1 : SOUMYAJIT NASKAR (BTECH CSE)

TEAM MEMBER - 2 : CHANDRACHUR MUKHERJEE (BTECH CSE)

TEAM MEMBER - 3 : SUKHENDU PATRA (BTECH CHE)

INSTITUTE NAME : JADAVPUR UNIVERSITY

THEME : ED-TECH





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OUR IDEA

PROPOSED VISION

- AN ED-TECH WEBSITE THAT CONNECTS LARGE MASSES OF STUDENTS WITH TEACHERS
- PROVIDES A UNIVERSAL DOUBT POSTING AND SOLVING SECTION
- START AN ONLINE LECTURE MEET WITH JUST ONE CLICK, AND UPLOAD LECTURES AS WELL.
- BROWSE THROUGH AMAZING RESOURCES FOR COMPETITIVE EXAMINATIONS..

TECH STACK

- *DATABASE* - MONGODB
- *BACKEND* - NODEJS, EXPRESS.JS
- *FRONTEND* - HTML, CSS, REACTJS
- *AUTHENTICATION* - JWT
- *3RD PARTY LIBRARY* - ZEGO CLOUD (FOR LIVE STREAM), MATERIAL UI (FOR ICONS AND AVATAR)



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WHAT WE PLAN TO DO?

USPs

- **RESOURCES** - COMBINING ONLINE RESOURCES FROM MULTIPLE PLATFORMS TO BUILD A ONE-STOP DESTINATION FOR COMPETITIVE EXAMINATION PREPARATION.
- **DOUBT SECTION** - PROVIDING 24/7 DOUBT-CLEARING PORTAL BY EXPERT FACULTIES.
- **MOCK EXAMINATION** - CONDUCTING MOCK EXAMINATIONS FOR ACCURATE PREDICTION OF RANKS.

FUTURE PLANS

- **HIRING TEACHERS** - WE PLAN TO INCREASE THE SCALE OF WEBSITE BY HIRING EXPERIENCED FACULTIES.
- **CHAT--BOT** - AI-BASED CHATBOT TO GUIDE THE USER ABOUT OUR WEBSITE, AND TO DETECT SPAM IN DOUBT SECTION.
- **BLOCKCHAIN** - TO MAKE THE TRANSACTIONS MORE SECURE WHILE PURCHASING COURSES.
- **CLOUD** - BUYING CLOUD SPACE FOR STORING LARGE VIDEO FILES UPLOADED BY TEACHERS.



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Student



Teacher

Login

Signup

Database

Backend
Rest APIs

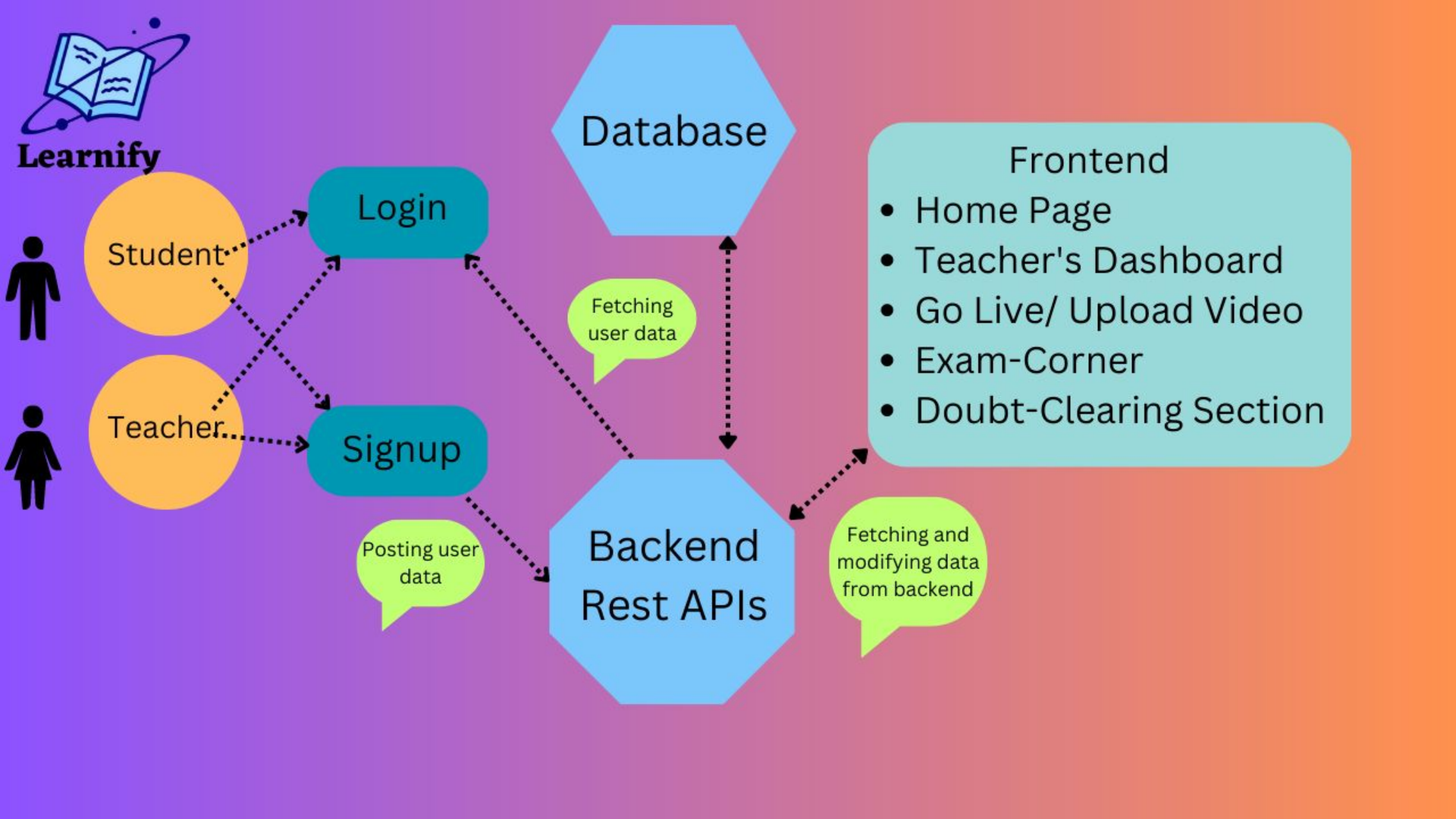
Frontend

- Home Page
- Teacher's Dashboard
- Go Live/ Upload Video
- Exam-Corner
- Doubt-Clearing Section

Fetching
user data

Posting user
data

Fetching and
modifying data
from backend



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SCREENSHOTS
FROM OUR WEBSITE**



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Term 1

Hardik Kheradia

SST one shot

CLASS 11 PHYSICS

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Camera is off



Join Room

Join

Share the link

Join as co-host

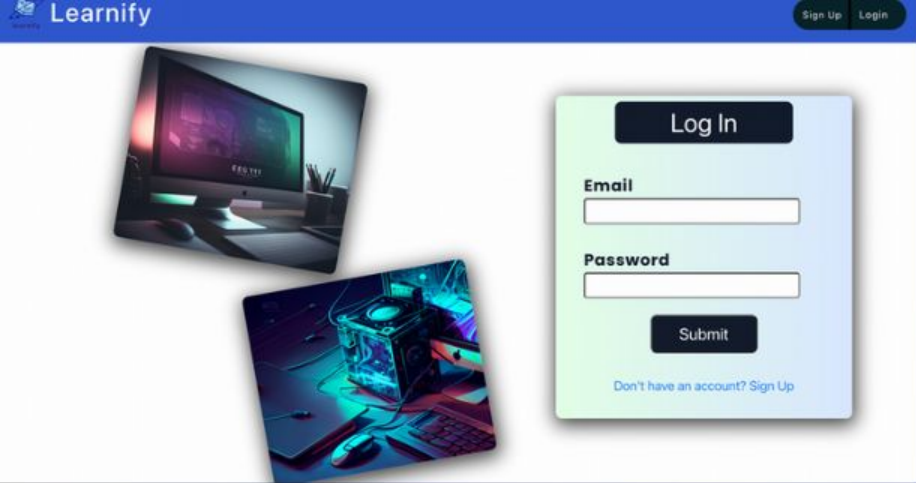
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Join as audience

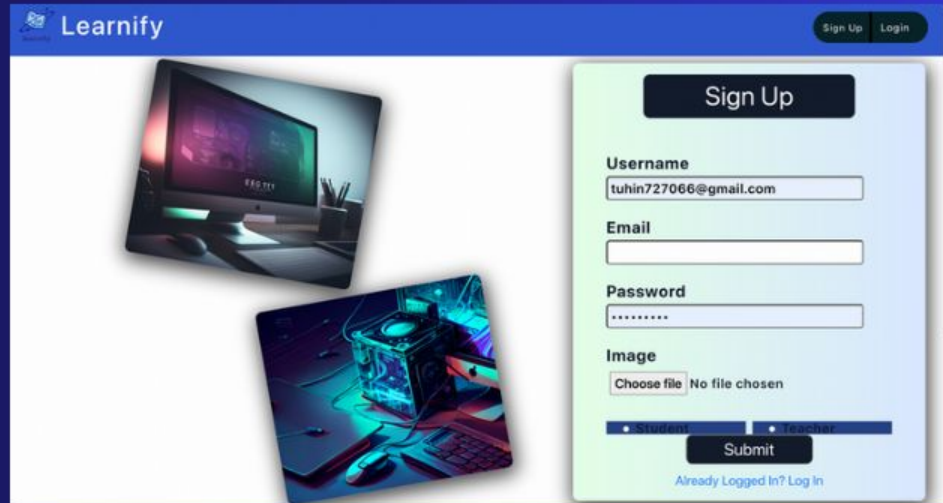
<http://localhost:3000/live/?roomId=64156e>





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Signup



Having a Doubt? Don't Hesitate to ask



Chandrachur

Posted this on 18/2/2023, 13:23



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JEE

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UPSC



Joint Entrance Examination (JEE)

Registration Date

14 Feb - 12 Mar 2023

Exam Date

6 - 12 April 2023

Role/Position offered

IITs, NiTs, IIITs, GFTIs college seats

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