



IMPULSE

HackMAIT 4.0

Rebuilding Tomorrow:
Discover your technical prowess

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Maharaja Agrasen Institute of Technology

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HACKER LOG

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LightRate: A web based platform that gamifies learning and makes the process more engaging to the students.

PROBLEM STATEMENT



- With the rapid digitization of education, there is a need for smarter and more personalized approaches to learning that can cater to the diverse needs of students. With the help of technological advancements, how can we help promote skill development and create a personalized learning environment.
- What we have noticed so far is that even on sites like udemy or coursera, we take up a course and almost never complete it. It was just not interesting enough and it's because our attention span has gone downhill a lot. and we're not alone! The average completion ratio of a udemy course is barely even 5% and on top of that average time spent daily is not even 10 minutes.

Your Solution / Product / Services

01

We are planning to built a web platform where students can gamify their learning journey and track their learning progress in a more game centric manner. Providing them with a community and a doubt-space where they can interact and solve each other's queries. Making it more personalized along way.



02

While finding our solution, we realized that the average time spent on games per week is more than 8 hours. We figured that the dopamine released while playing games makes it so addictive. We are planning to create a concept of our own where students will be identified by their chosen avatar. The avatar will grow/upgrade with their progress in their selected courses. The higher the level of their avatar, more perks they get. Creating it more gamified and personalized



03

We will use HTML, CSS, JS and SQL to make our website and the workflow of our platform is mentioned on the next oage



Future Scope

Creating a competitive environment by introducing Coding Duels, where students can go against each other to show off their coding skills and further sharpen them. Students will be attracted towards coding duels because the winner gets exciting avatar skins and a level up in their avatars which will reflect their online persona on the community.



We are looking forward to build a functional AI chatbot which will be able to answer most of the query a student may have about website or able to solve any doubt related to the course.



Creating Monthly and weekly challenges on our platform to create a competitive environment amongst students and motivating them further.

Implementing more AI models to track the progress of students and restructure

TECHNOLOGIES TO BE USED

- HTML
- CSS
- JAVASCRIPT

