

NODE JS - TEAM 1

Project Report

Project: OHMYDOUBT

Team	Team 3
Mentor	1. Alok Verma 2. Abdus
Participants	1. Aadhar Bhatnagar 2. A Pushpendra 3. Aditya Vandan Sharma 4. Bhawna Sharma 5. Ayush Paharia 6. Arjun Lakhera 7. Anushka 8. Anmol 9. Amisha Jangra 10.Aman Kumar Goyal 11.Aman Bhardwaj 12.Ahambarish Saikia 13.Aditya Vandan Sharma

Domain: Education

Purpose : Provide a Platform for the students and Teachers where the Doubts of students can be Solved by Teachers or any other Students. It Will be helpful for the aspirants.

Project Idea: The basic Idea is to develop a platform where students of a class can be grouped into a batch.

In that room , they can post doubts , the teacher can reply to their doubts and also other students can also help in solving doubts .Whenever , a doubt is posted , the teacher gets a mail/ notification and doubt status is ACTIVE .

When teacher provides a solution , the student gets a mail/ notification and doubt status is FOR REVIEW .

The student can then act if he is satisfied by closing the doubt and changing doubt status to CLOSE .Else REOPEN the doubt .

Features:

- This project will have 3 sections
 - Admin
 - Student
 - Teacher
- The classes will be created and approved by Admin.
- Teacher and Student can request to create the class.
- Any of the member of class (Teacher / student) can invite the other.
- Any student or Teacher can join the class.
- Any student can post his doubt in form of text / image / link . DOUBT OPEN
- All Members can view and comment the solution.
- All the Teachers in class we get a notification in case of Doubt is posted.
- If it gets solved by students only ,then the one who Created can CLOSE it.
- Teacher can submit the doubt solution for review If student approves it then it will be closed .
- Students can close it Or reopen doubt accordingly.

Stack:

- Backend with Nodejs with Express Js
- Front end , we can use Vanilla Js / React / Angular 9 according to need.
- MongoDB as Database
- Postman for Testing the APIs
- Mocha JS for Unit Testing

Learning Plan :

Week 1	JavaScript
Week 2	Nodejs basics and Web Development
Week 3	Nodejs with Express Js
Week 4	Frontend with nodejs
Week 5	MongoDb
Week 6	CRUD operations and Developement
Week 7 onwards	API Development

Project Milestones:

June : Get all Participants start with java Script basic's , Nodejs and web Development basics.

July : In this month all the participants will learn to use Express routing along with nodejs and mongo DB connection, start with the Project basics

August : In this month all the Participants Will work on the Api's development and will contribute in project