



Dhirubhai Ambani
Institute of Information and Communication Technology

B.Tech Research Internship

Supervisor: Prof. Jay Prakash Lalchandani

Team Member :-

- 1) Mohit Solanki 201701212

Problem Statement :-

Students and professors faced issues in the process of Research Internship, Like get Topics from All the professors And then select one. Professors face issues to select students and give grads.

In this we have Three main User

1. Students
2. Professor
3. Admin (SRI coordinator)

Common Functionalities for All User

- Can login With Daiict Id
- Can Sign up With Daiict Id
- Can log out By Clicking on “Log Out”
- Can see The Timeline Created by Admin

Functionalities - Students

Home

- Student Can see and Edit Profile with Interest, Technology and others
- Can see the Professor name, Topic Name, and final grads

List of Topics

- Can see the All the Topics And Search By It's Name
- Can search By Tags
- Can search By Professor Name

Details of Topic

- Can see the details of Topic
- Can Apply On Topics (Stage 1)

Applied Topics

- Can see The Topic that Already applied
- Can Send for Final Approval (Stage 3)

Timeline for Project

- Can See the Timeline That is made by professor

Chat

- Can Chat with Professor and Admin

Functionalities - Professor

Home

- Can Select Courses from Given Courses

Create Topic

- Can create new Topic

Remove Topic

- Can Remove Topic

List of Topic

- Can See the List of Topics

Details of Topic

- Can see the Details Of Topic
- Can Edit The Topic
- Can see The Student That Applied on that Topic
- Can Sort By Courses Grade of Student (Selected By Prof. in Home)
- Can Approve Student (Stage 2)
- Can Final Approve Student (Stage 4)
- Can Create Team
- Can Add and Remove Student From Teams

Timeline

- Can Create Timeline for Teams

- Can Edit Timeline for Teams
- Can List Timeline

Grads

- Can Give Stage Wise Grad for each Students
- Can give final Grad for each Students
- Can Finish The internShip for Team

Chat

- Can Chat with Students and Admin

Functionalities - Admin

Search Professor

- Can Search By Prof. Name And get All topics

Details Of Topic

- Can see the Details of Topic And Student

List Of Students

- Can Search By Year, Get All student Of That Year

Create Timeline

- Can Create Timeline

Chat

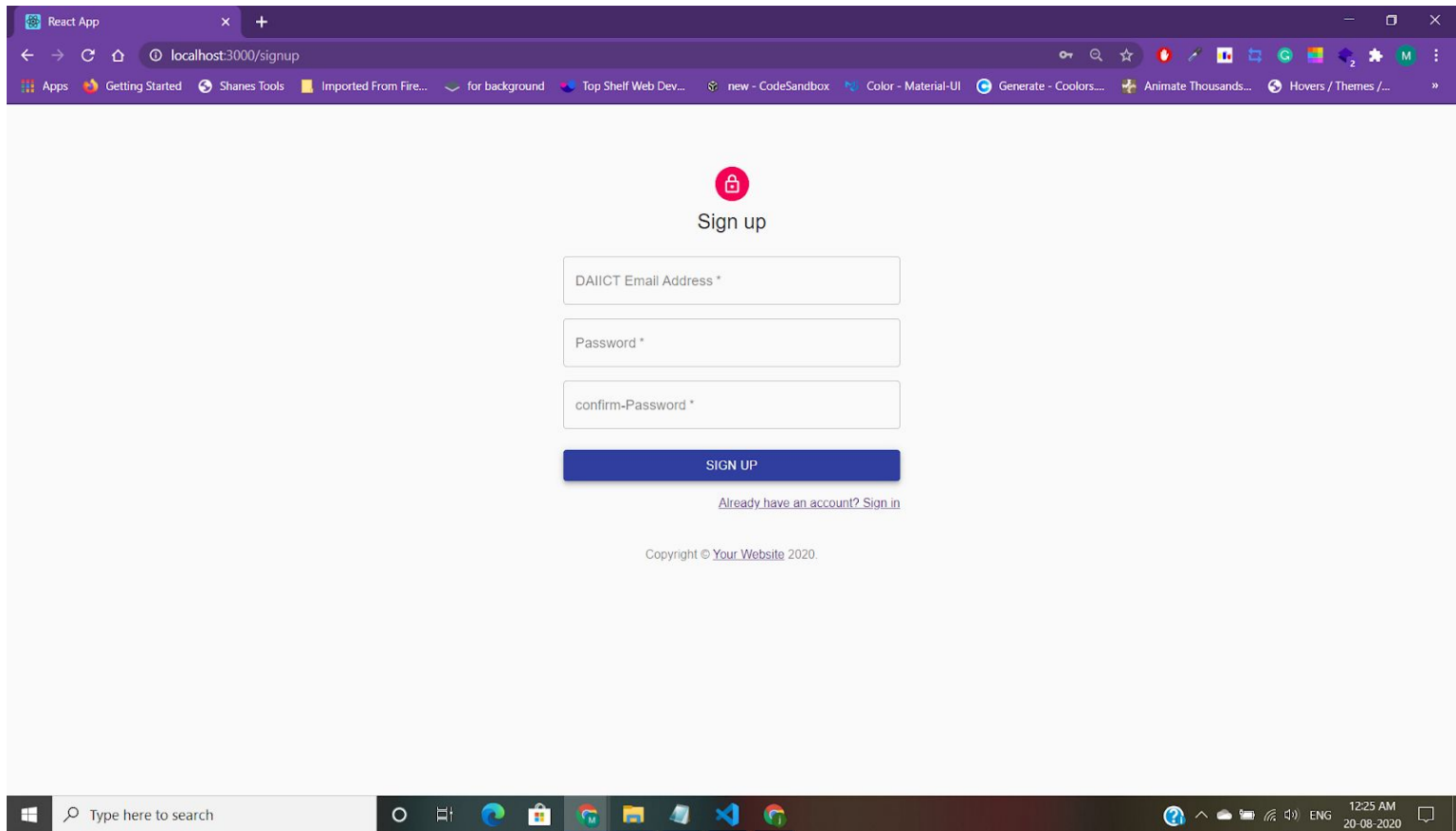
- Can Chat With Students and Professor

STEPS FOR APPLY :-

- 1) Professor Put Topics
- 2) Student Apply on Topics (Stage 1)
- 3) Professor send Approve (Stage 2) (Possible that more then 2 professor send approve same student)
- 4) Student send Final Approval (Stage 3) (Student can send only one professor)
- 5) Professor send Final Acceptance (Stage 4)

Common Functionalities

- Sign up



The screenshot displays a web browser window with the address bar showing `localhost:3000/signup`. The page features a sign-up form with the following elements:

- A red lock icon in a circle above the title "Sign up".
- A text input field labeled "DAIICT Email Address *".
- A text input field labeled "Password *".
- A text input field labeled "confirm-Password *".
- A blue button labeled "SIGN UP".
- A link below the button: [Already have an account? Sign in](#).
- Copyright text at the bottom: "Copyright © Your Website 2020."


The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right indicates the time as 12:25 AM on 20-08-2020.

- Sign in

React App

localhost:3000

Apps Getting Started Shares Tools Imported From Fire... for background Top Shelf Web Dev... new - CodeSandbox Color - Material-UI Generate - Colors... Animate Thousands... Hovers / Themes /...



Sign in

DA-IICT Email Address *

Admin@[daict.ac.in](mailto:admin@daict.ac.in)

Password *

SIGN IN

[Don't have an account? Sign Up](#)

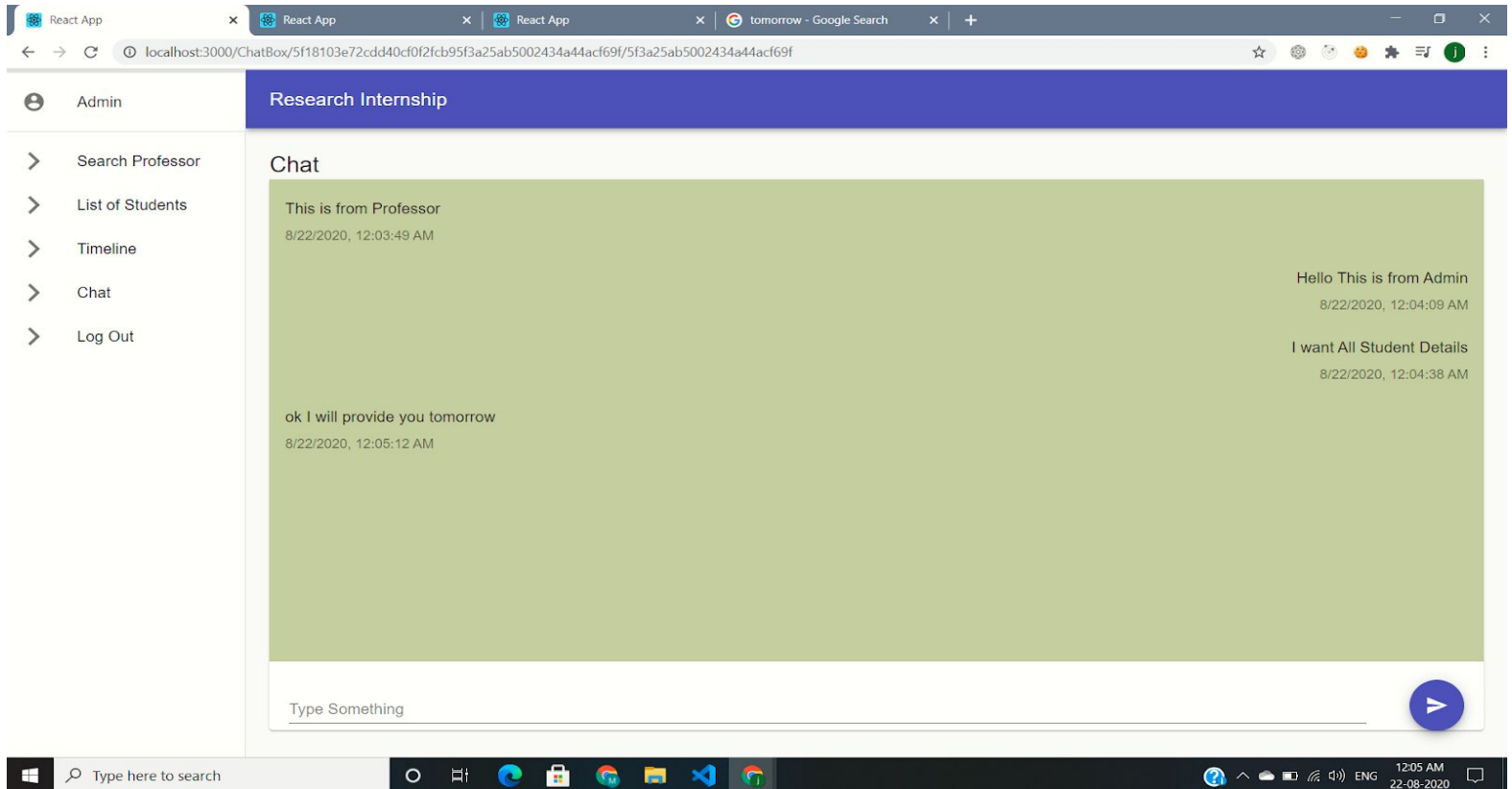
Copyright © [Your Website](#) 2020.

Type here to search

12:25 AM 20-08-2020

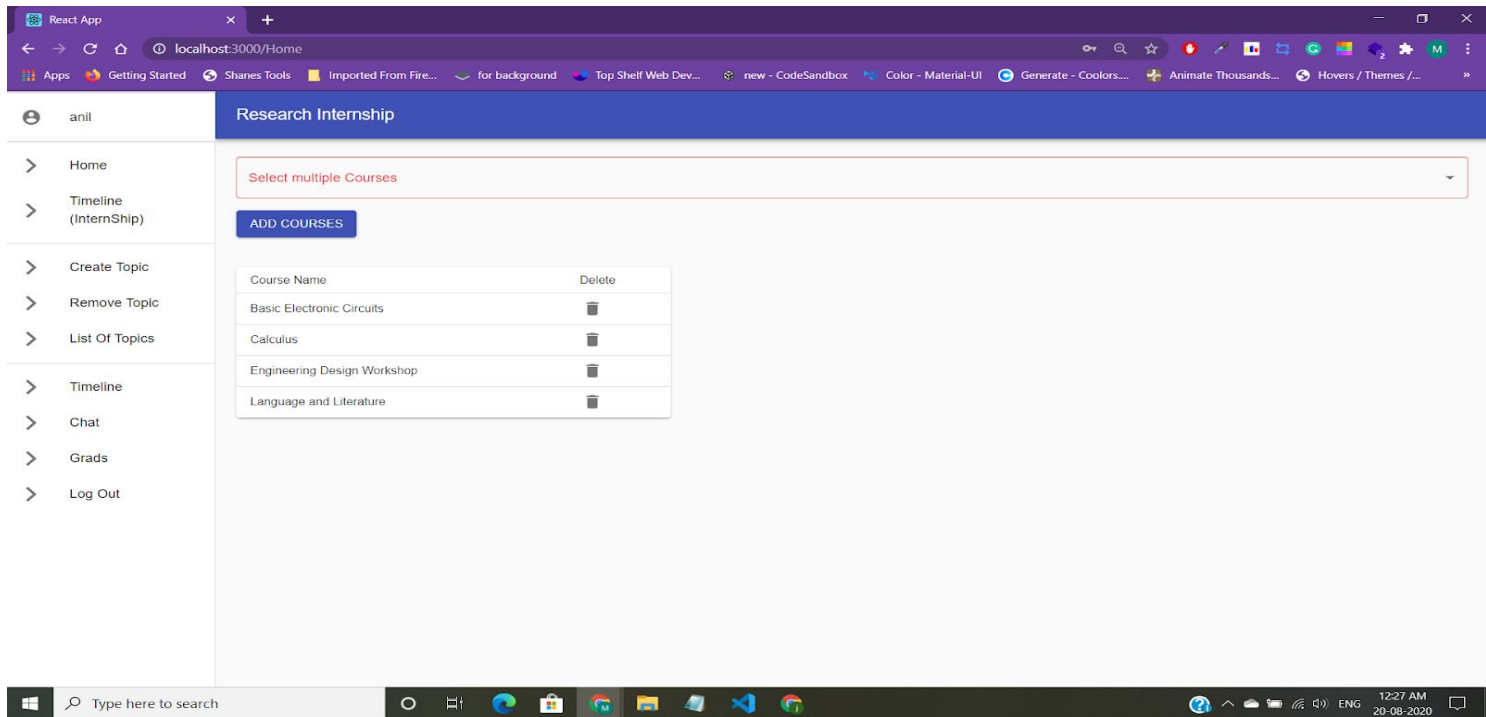
Students, Admin, Professor must have to sign up and sign in with DA-IICT Email Id

- Chat Box



Flow for Professor :-

1) Home :-



- Here professor have to add the course that he/she is teaching Or want to see the students Grade of any course

2) Create Topic:-

React App | Data | Atlas: Mong... | poster - Google D... | React App | coordinator - Goo... | WhatsApp | Here's the 411 on... | Signing Off and C... | +

localhost:3000/Createtopic

anil

Research Internship

Topic Name

Add tages

Siselect multiple tags

Add prerequisite for students

Discription of Topic

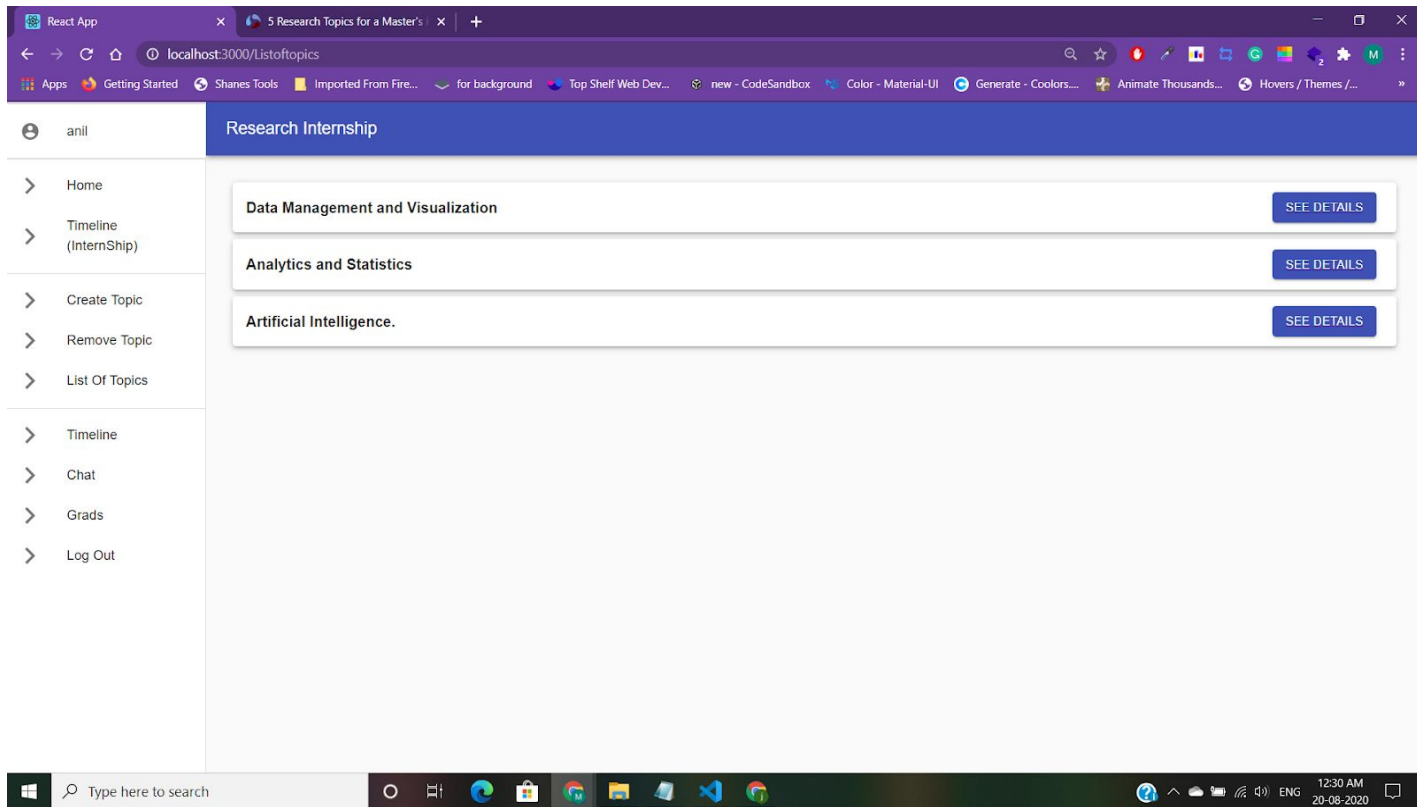
CREATE TOPIC click on button for create topic

Type here to search

12:27 AM 20-08-2020

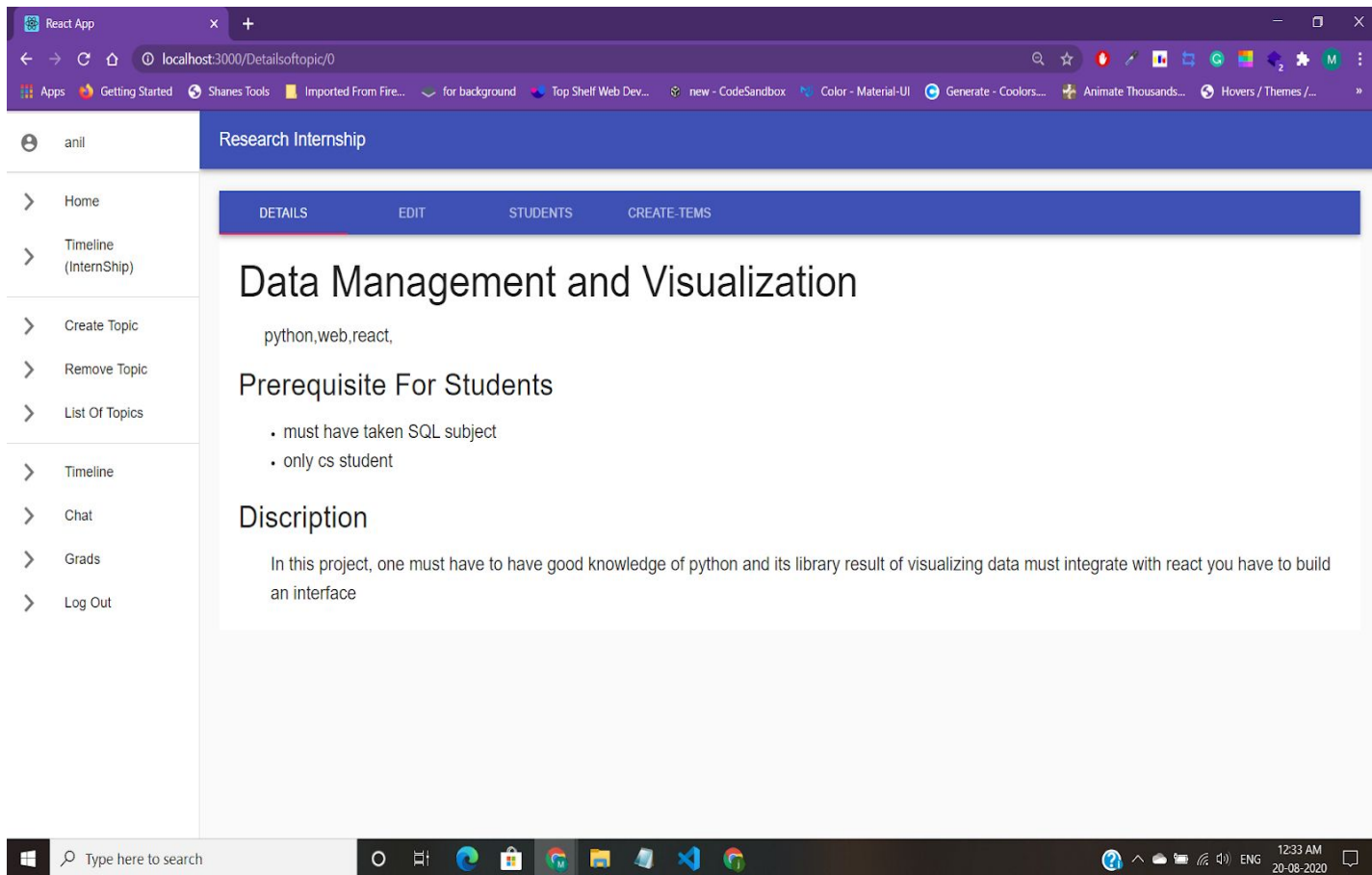
- here All the fields are Required

3) List of Topic :-



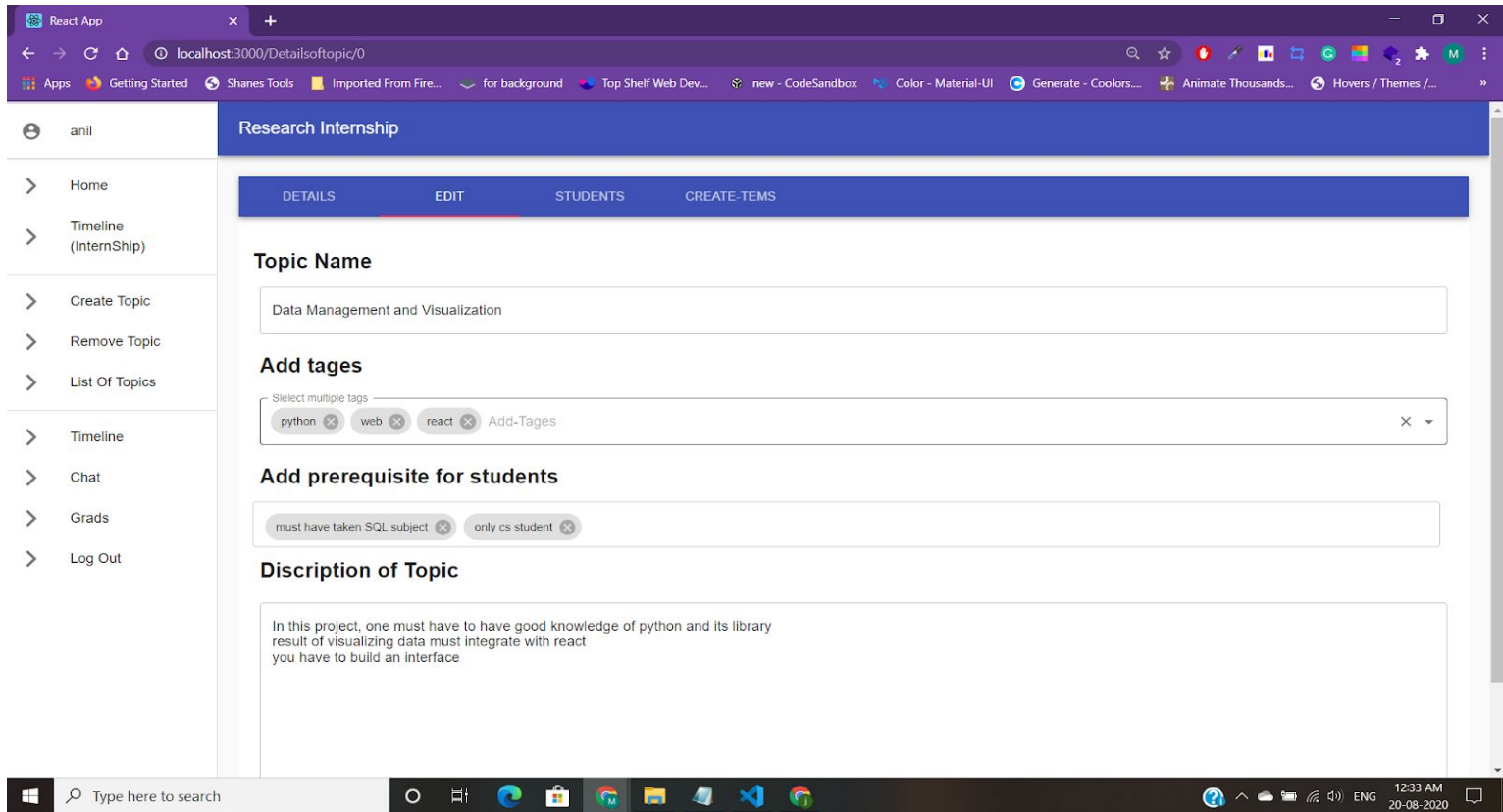
- here Professor can see the topic that created
- can search by Name
- On click "SEE DETAILS" can see the details of topic

4) Details of Topic :-



- Can see the details of topic

5) Edit Topic :-



- here Professor can Edit the topic
- But must have to save it

6) Students Details :-

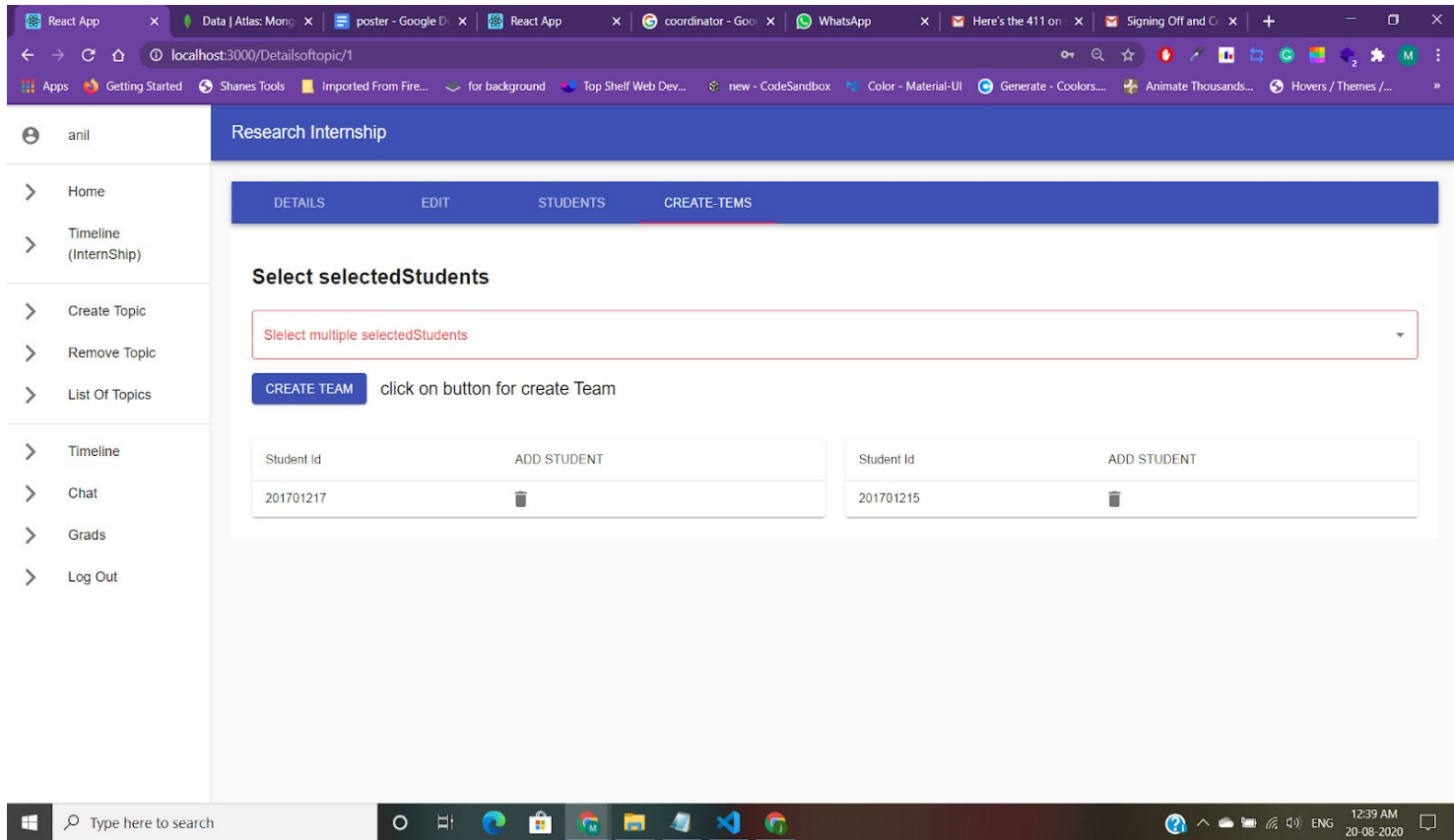
The screenshot shows a web application interface for managing student details. The browser window displays the URL `localhost:3000/Detailsoftopic/1`. The application has a sidebar on the left with a user profile 'anil' and navigation links: Home, Timeline (InternShip), Create Topic, Remove Topic, List Of Topics, Timeline, Chat, Grads, and Log Out. The main content area is titled 'Research Internship' and features a tabbed interface with 'STUDENTS' selected. The table below lists student details:

Student ID	Basic Electronic Circuits	Calculus	Engineering Design Workshop	Language and Literature	approve(stage-2)	student-approve(stage-3)	final-approve(stage-4)
201701215	7	8	6	7	0	0	APPROVE
201701217	7	8	6	7	0	0	APPROVE
201701219	7	8	6	7	0	0	ALREADY DONE
201701220	7	8	6	7	0	0	ALREADY DONE

At the bottom of the table, there are two buttons: 'APPROVE STUDENTS (STAGE-2)' and 'FINAL APPROVE (STAGE-4)'. The table also includes a pagination control showing 'Rows per page: 5' and '1-4 of 4'.

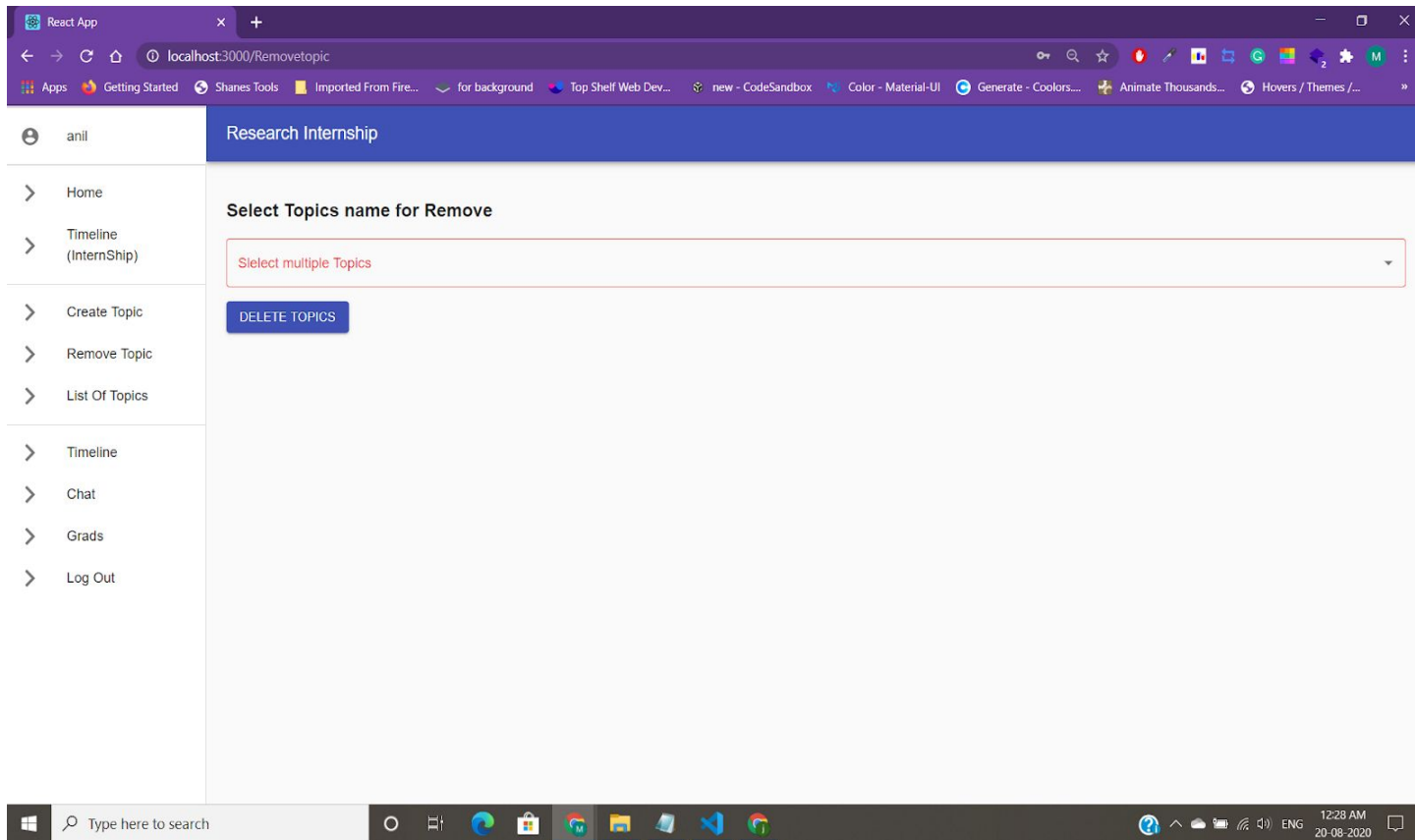
- professor can sort the students by STUDENT ID, Grads,
- Can approve students for stage 2 and stage 4

7) Create Tams :-



- Here first select student form dropdown then Click on “Create Team”
- Can Add and Remove students from

8) Remove topic :-



- Here first Select Topic and Then Click on “DELETE TOPIC” to remove topic

9) Create timeline :-

React App

localhost:3000/Timeline

anil

Research Internship

CREATE TIMELINE LIST TIMELINE EDIT TIMELINE

Select multiple Teams

Stage Name

☐ Wants to student input any file dd-mm-yyyy

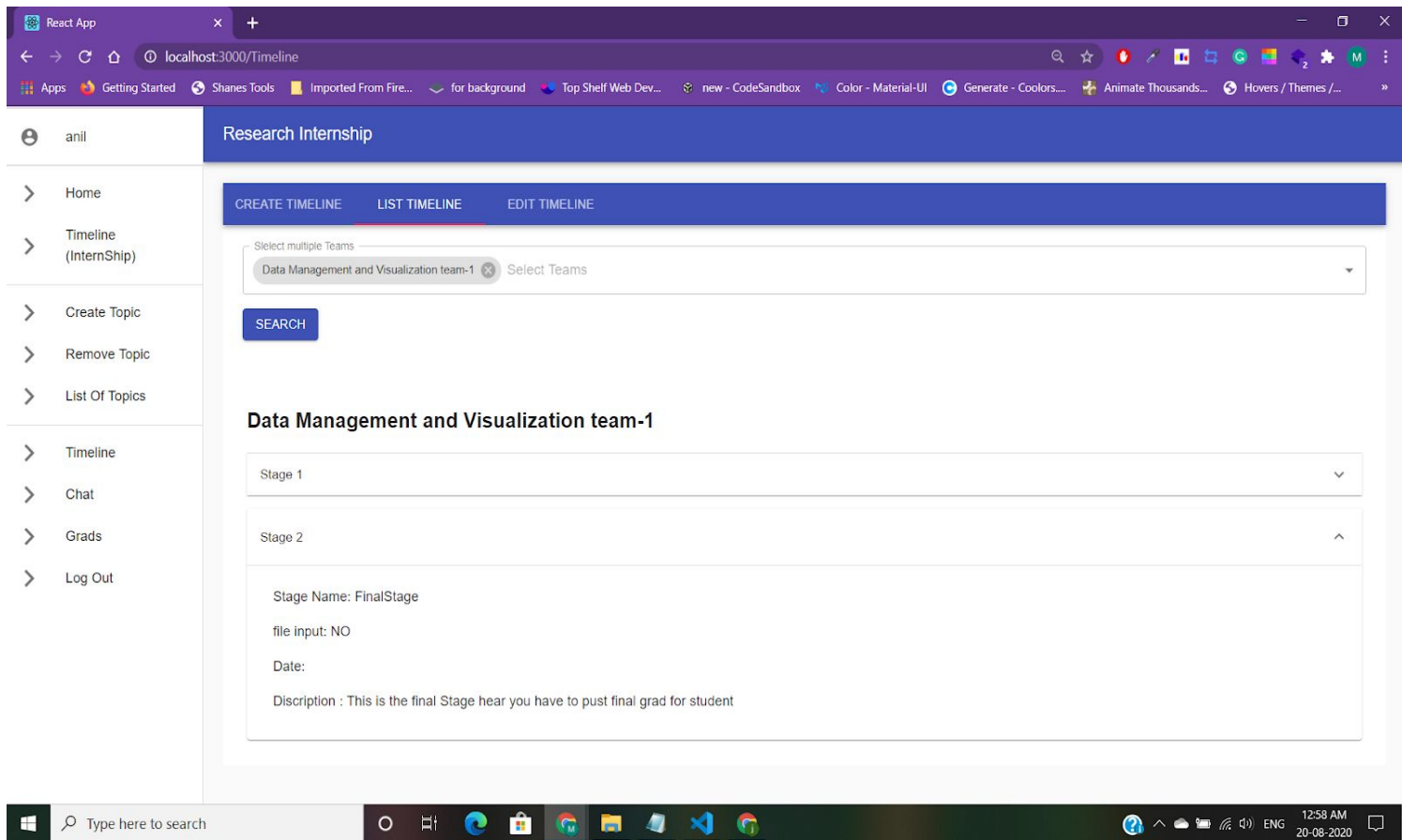
Discription of Stage

ADD STAGE

Stage 1

- Here first Select Team form Drop Down
- For crate stage Click on “Add stage”

10) List Timeline :-



- here First Select Team from drop down
- can see details of each stage by on click on particular stage

11) Edit Timeline :-

React App

localhost:3000/Timeline

anil

Research Internship

CREATE TIMELINE LIST TIMELINE EDIT TIMELINE

Select a Team

Data Management and Visualization team-1

SEE THE DETAILS

Stage 1

Stage Name: s 1

file input: NO

Date: 2020-08-29

Discription: First Write All Functional and non-functional Requirement

Stage 2

Stage Name

s 1

☐ Wants to student input any file

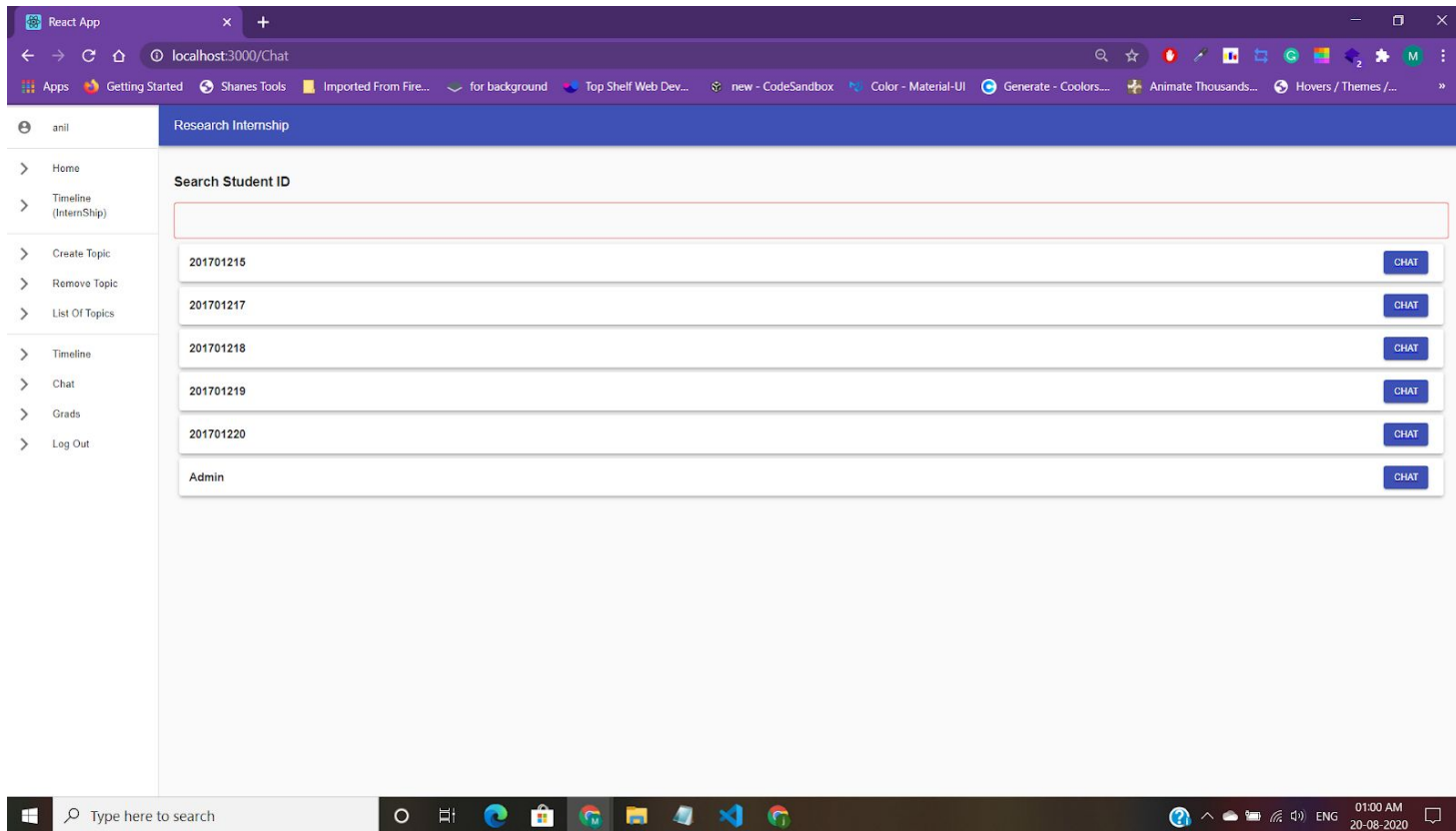
29-08-2020

Discription of Stage

First Write All Functional and non-functional Requirement

- Select Team form drop down than can see the details of Timeline
- select stage for which, professor wants to change details
- then must have to save stage
- and then save timeline

12) Chat :-



- professor can see the Students list and Admin
- for Chat professor have to Click on "CHAT" button

12) Grads :-

The screenshot shows a web application running on localhost:3000/Grads. The interface has a sidebar with navigation links: Home, Timeline (InternShip), Create Topic, Remove Topic, List Of Topics, Timeline, Chat, Grads, and Log Out. The main content area is titled 'Research Internship' and contains a dropdown menu for selecting a team, currently showing 'Data Management and Visualization team-3'. Below the dropdown is a 'SEARCH' button. The main content area also displays the selected team name, 'Data Management and Visualization team-3', and a list of stages: Stage 1, Stage 2, Stage 3, and Stage 4. Stage 2 is expanded, showing details: 'Stage Name: Assigning Teams', 'file input: NO', 'Date: 2020-08-13T00:00:00.000Z', and 'Discription: Based on Your Intrest I will Assign Temas'. At the bottom, there is a table for assigning grades to students.

Student ID	Grads
201701218	0
201701213	0

Below the table is a 'SAVE GRADS' button.

- Here Professor can Put Grade Stage wise on each Student

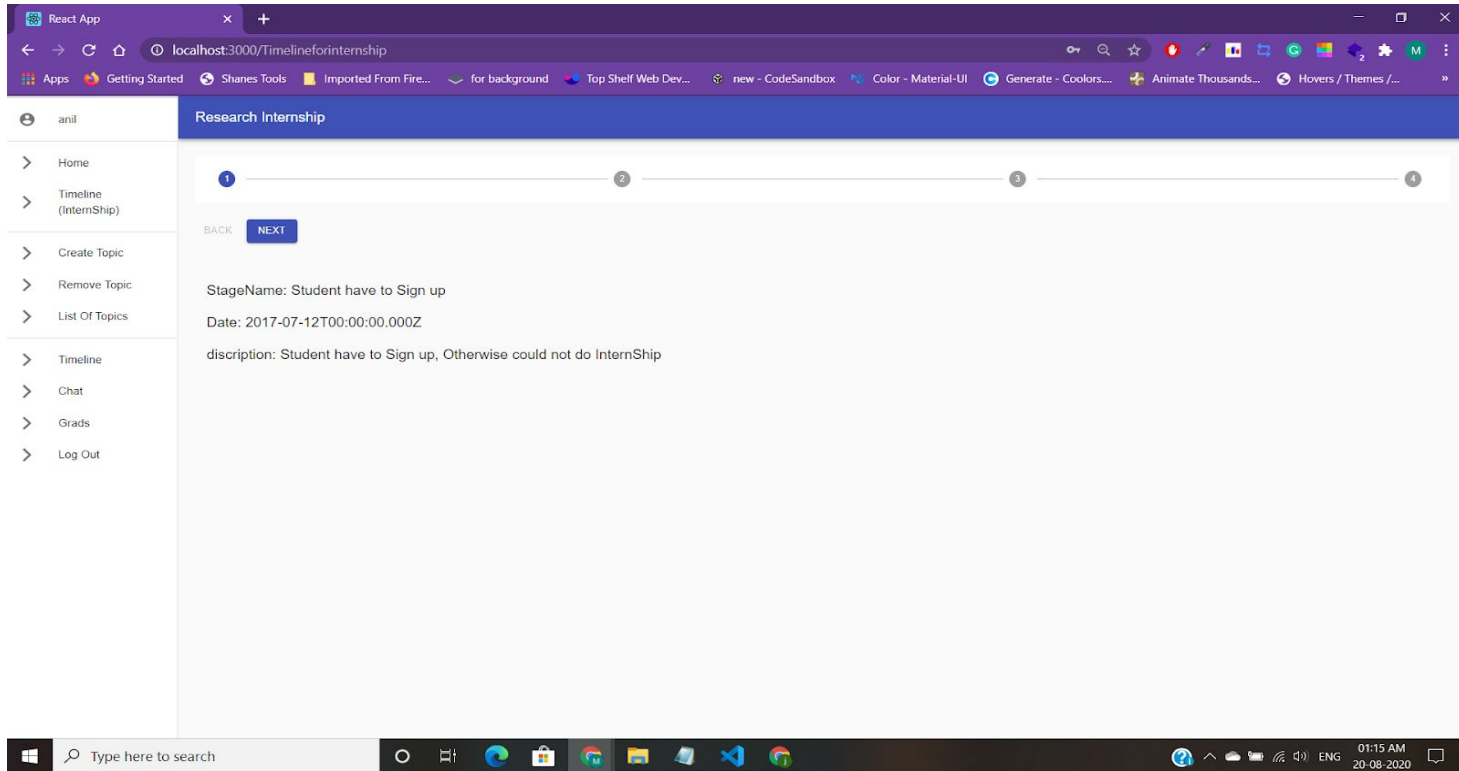
13) For Complete internship :-

The screenshot displays a web application for a Research Internship. The interface includes a sidebar with navigation links: Home, Timeline (InternShip), Create Topic, Remove Topic, List Of Topics, Timeline, Chat, Grads, and Log Out. The main content area is titled 'Research Internship' and features a dropdown menu to 'Select a Team' with 'Data Management and Visualization team-3' selected. Below this is a 'SEARCH' button. The 'Data Management and Visualization team-3' section lists four stages: Stage 1, Stage 2, Stage 3, and Stage 4. Stage 4 is expanded, showing 'Stage Name: FinalStage', 'file Input: NO', 'Date:', and a description: 'Discription : This is the final Stage hear you have to pust final grad for student'. Below the stages is a table with two columns: 'Student ID' and 'Grads'. The table contains two rows of data: (201701218, 10) and (201701213, 9). A 'SAVE GRADS' button is located below the table. At the bottom of the page, a red banner displays the text 'COMPLETE INTERSHIP - GRAD UPDATE'.

Student ID	Grads
201701218	10
201701213	9

- On The last Stage professor pust gread and Click on “COMPLETE INTERNSHIP” Button
- This Last stage grade will shown to Students

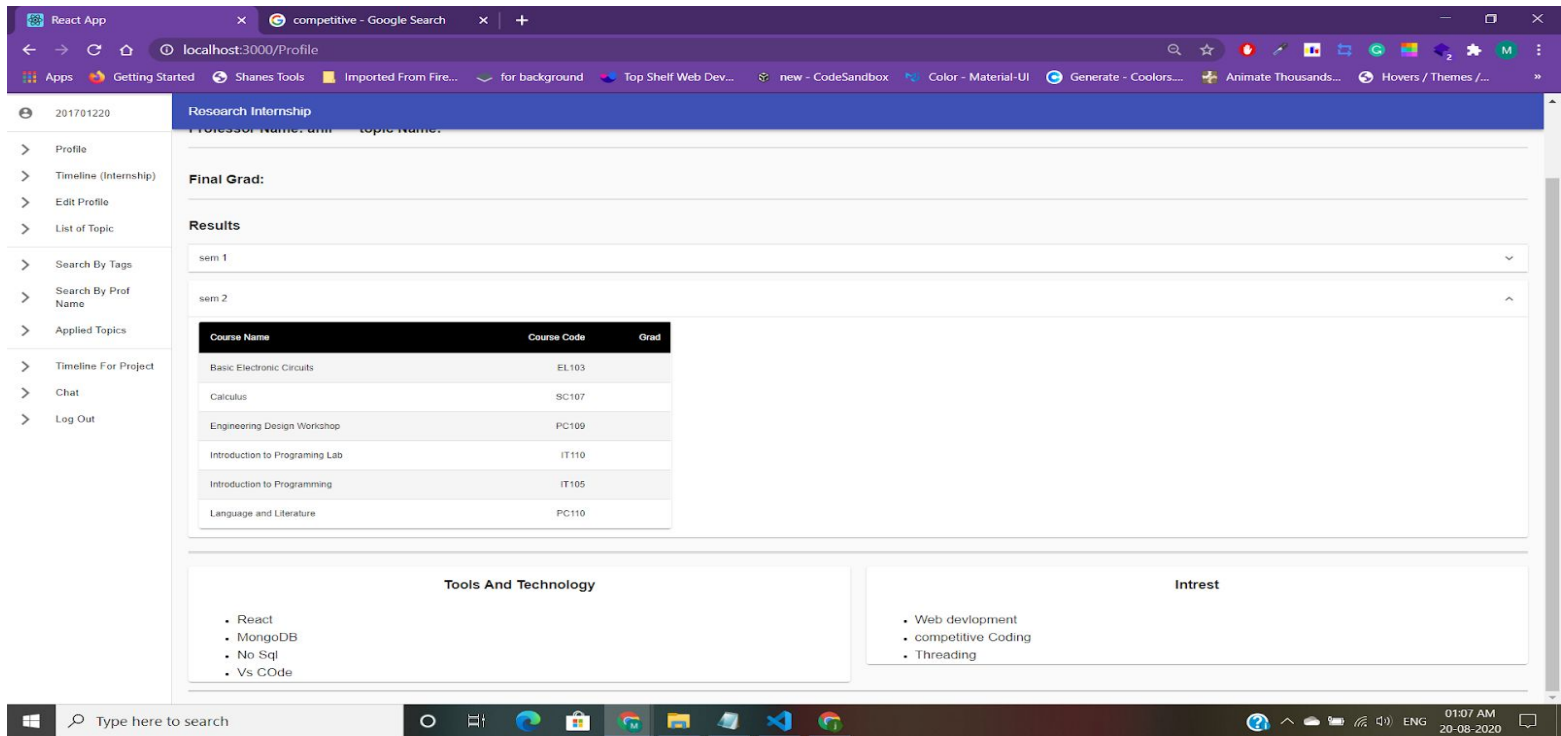
13) Admin Timeline :-



- Professor Can see the timeline That is Created By Admin

Flow of Student :-

1) Profile :-



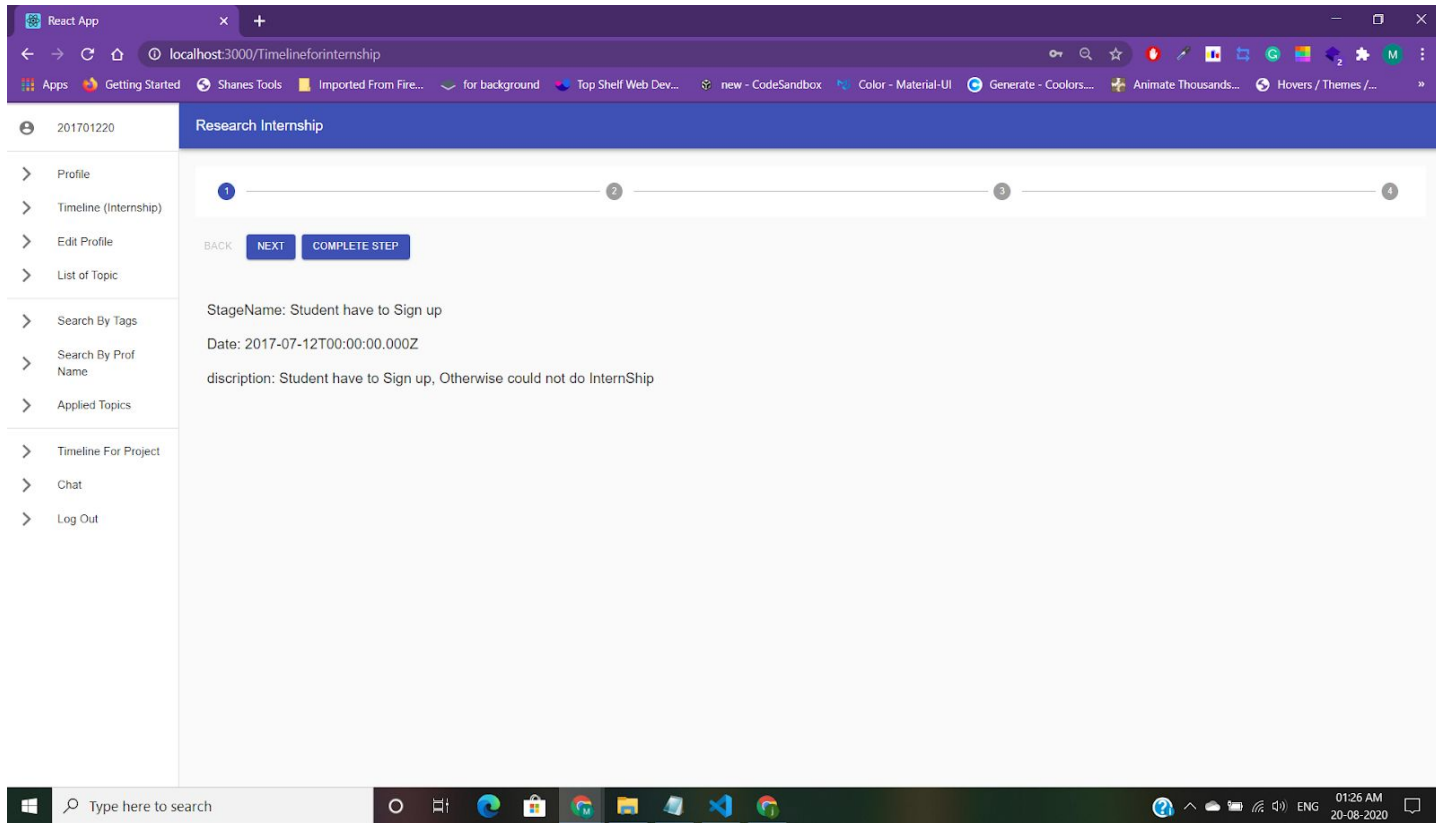
- Student can see their results of all sem
- can see their name, professor Name, Topic Name that he/she selected

2) Edit Profile :-

The screenshot shows a web browser window with the URL `localhost:3000/EditProfile`. The browser's address bar and tabs are visible at the top. The web application has a sidebar on the left with a user profile icon and the name '201701220'. The sidebar contains the following navigation links: Profile, Timeline (Internship), Edit Profile, List of Topic, Search By Tags, Search By Prof Name, Applied Topics, Timeline For Project, Chat, and Log Out. The main content area has a blue header with the text 'Research Internship'. Below the header, there are three sections: 'Tools And Technology' with a row of tags: React, MongoDB, No Sql, and Vs Code; 'Interest' with a row of tags: Web development, competitive Coding, and Threading; and 'Other Details' with a large empty text area. At the bottom of the main content area, there is a 'MAKE CHANGES' button. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons.

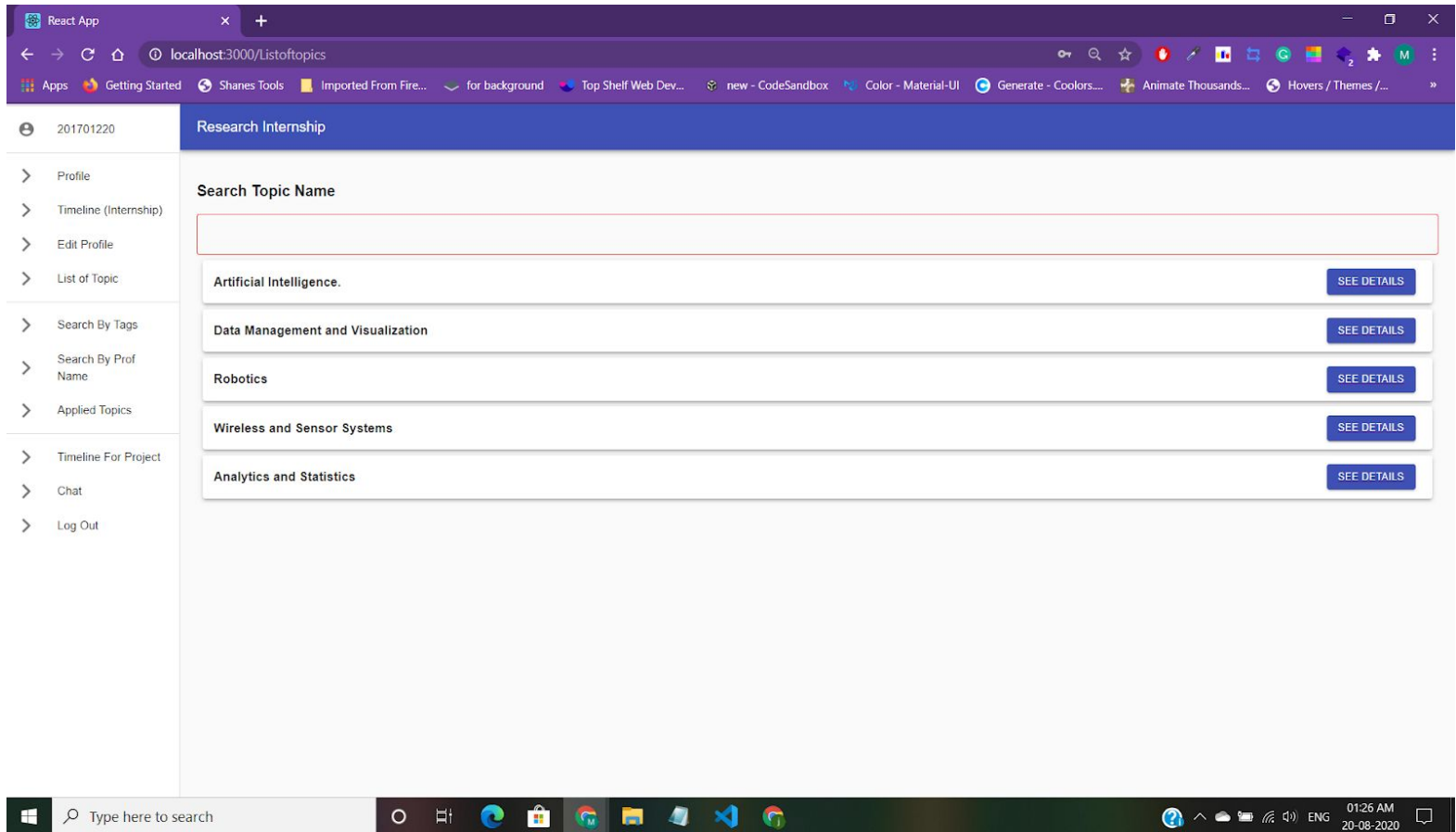
- can add or remove tools and Technology , Interest
- can add other interest
- Must have to save changes

3) Admin Timeline :-



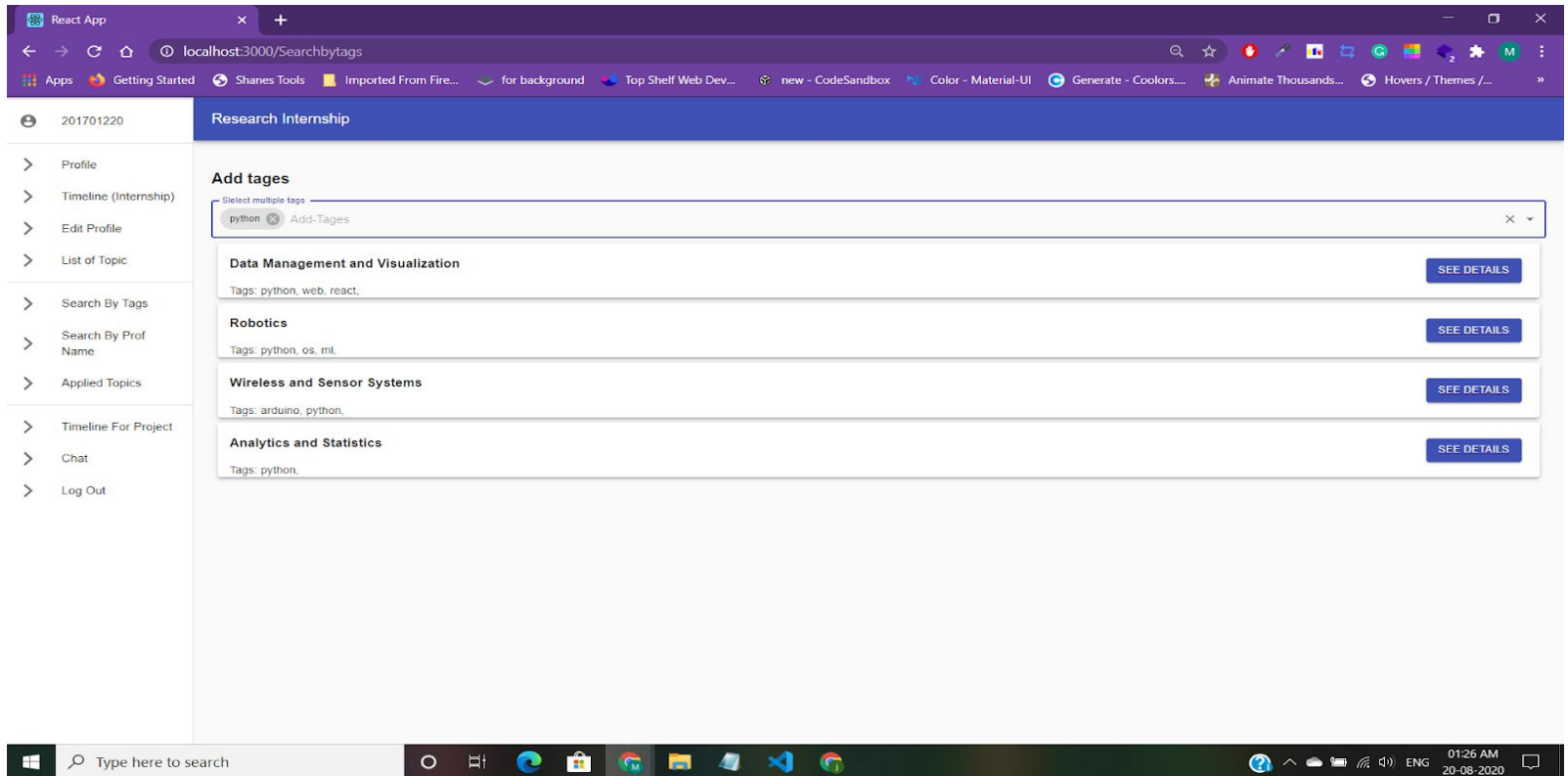
- Student can see the Timeline of InternShip That mad by Admin

4) List of Topic :-



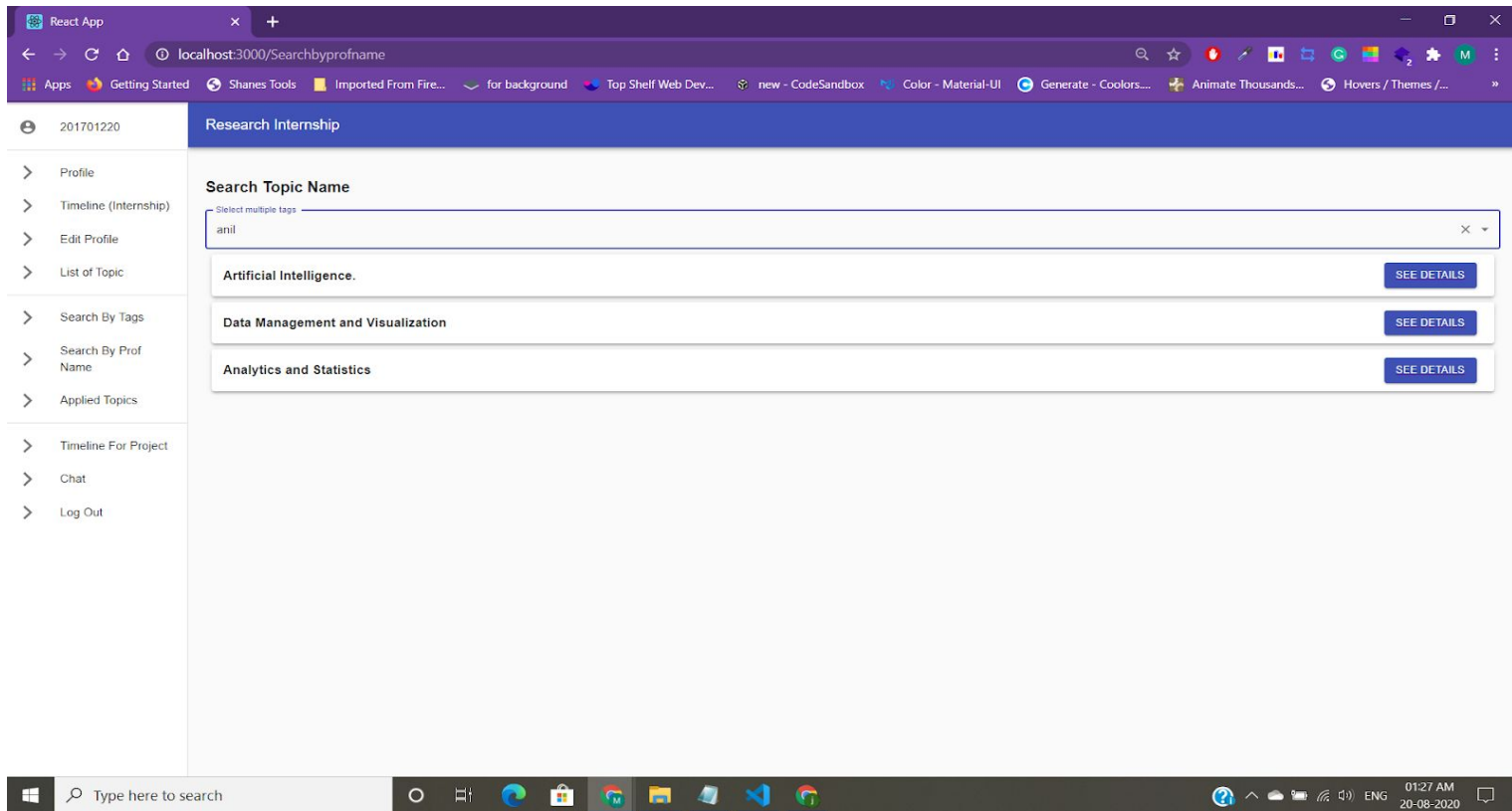
- here Student Can Search Topic By It's Name

5) Search By Tags :-



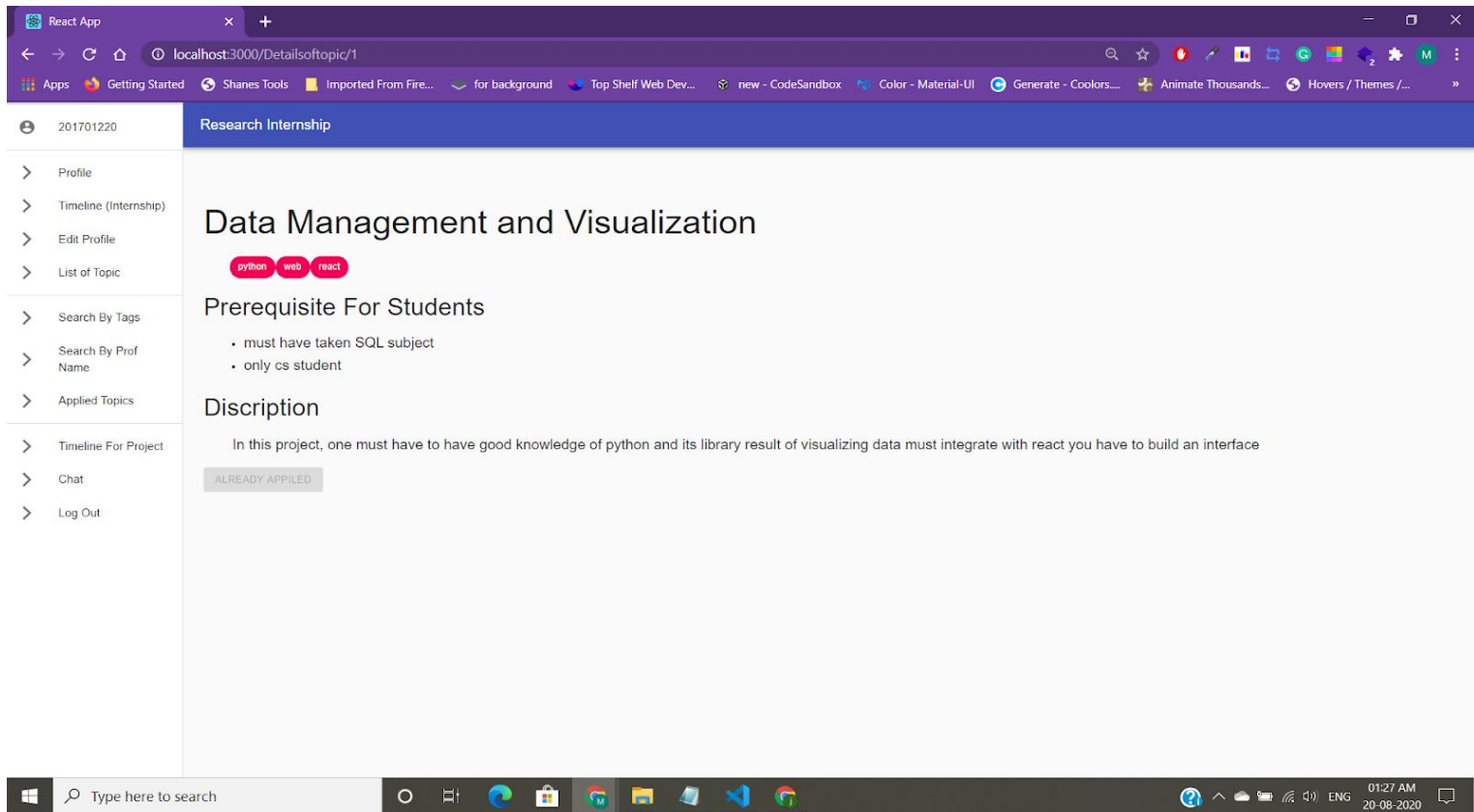
- Student Have to select Tags form Drop down
- All the Topic that have same Tag is displayed
- To see Details of Topic Click on "SEE DETAILS"

6) Search By Professor Name :-



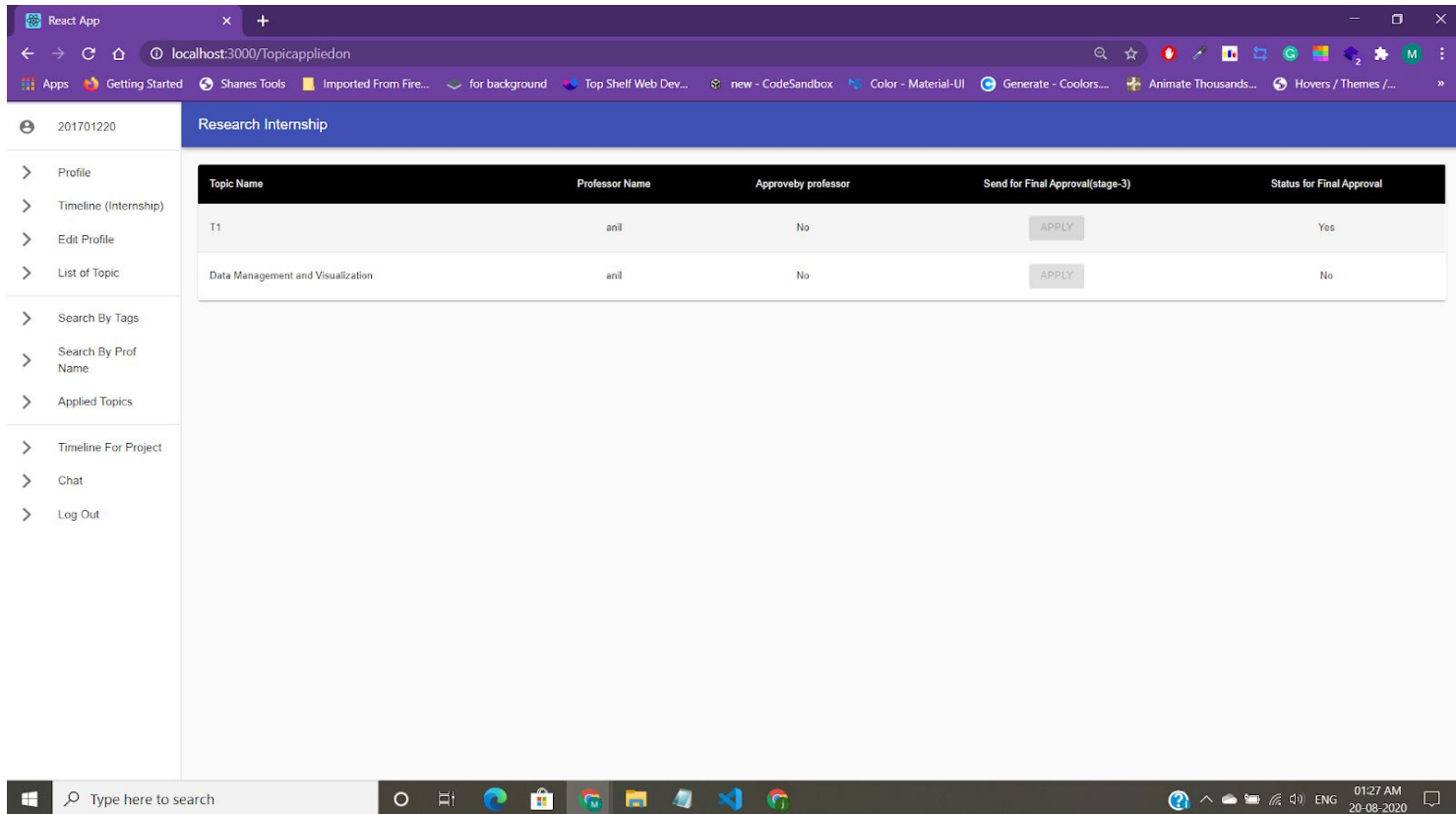
- Here Student have to select Professor Name from Drop Down

7) Details of Topic :-



- here Student can see the Topic Details
- For Apply on Topic Click on “Apply Topic” Button

8) Applied Topics :-

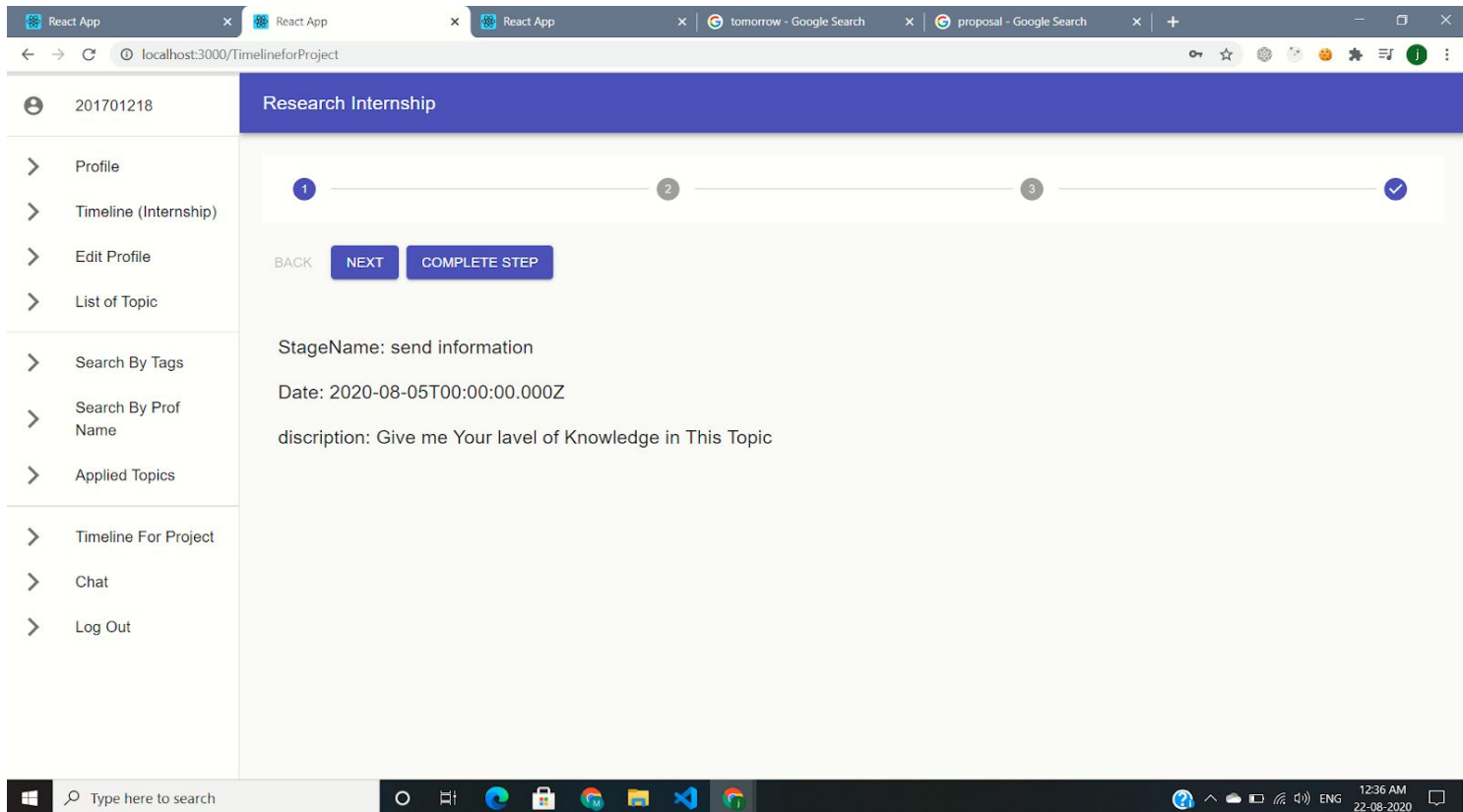


The screenshot shows a web application interface for a student. The sidebar on the left contains the following navigation links: Profile, Timeline (Internship), Edit Profile, List of Topic, Search By Tags, Search By Prof Name, Applied Topics (selected), Timeline For Project, Chat, and Log Out. The main content area is titled 'Research Internship' and displays a table of applied topics.

Topic Name	Professor Name	Approveby professor	Send for Final Approval(stage-3)	Status for Final Approval
T1	anil	No	<button>APPLY</button>	Yes
Data Management and Visualization	anil	No	<button>APPLY</button>	No

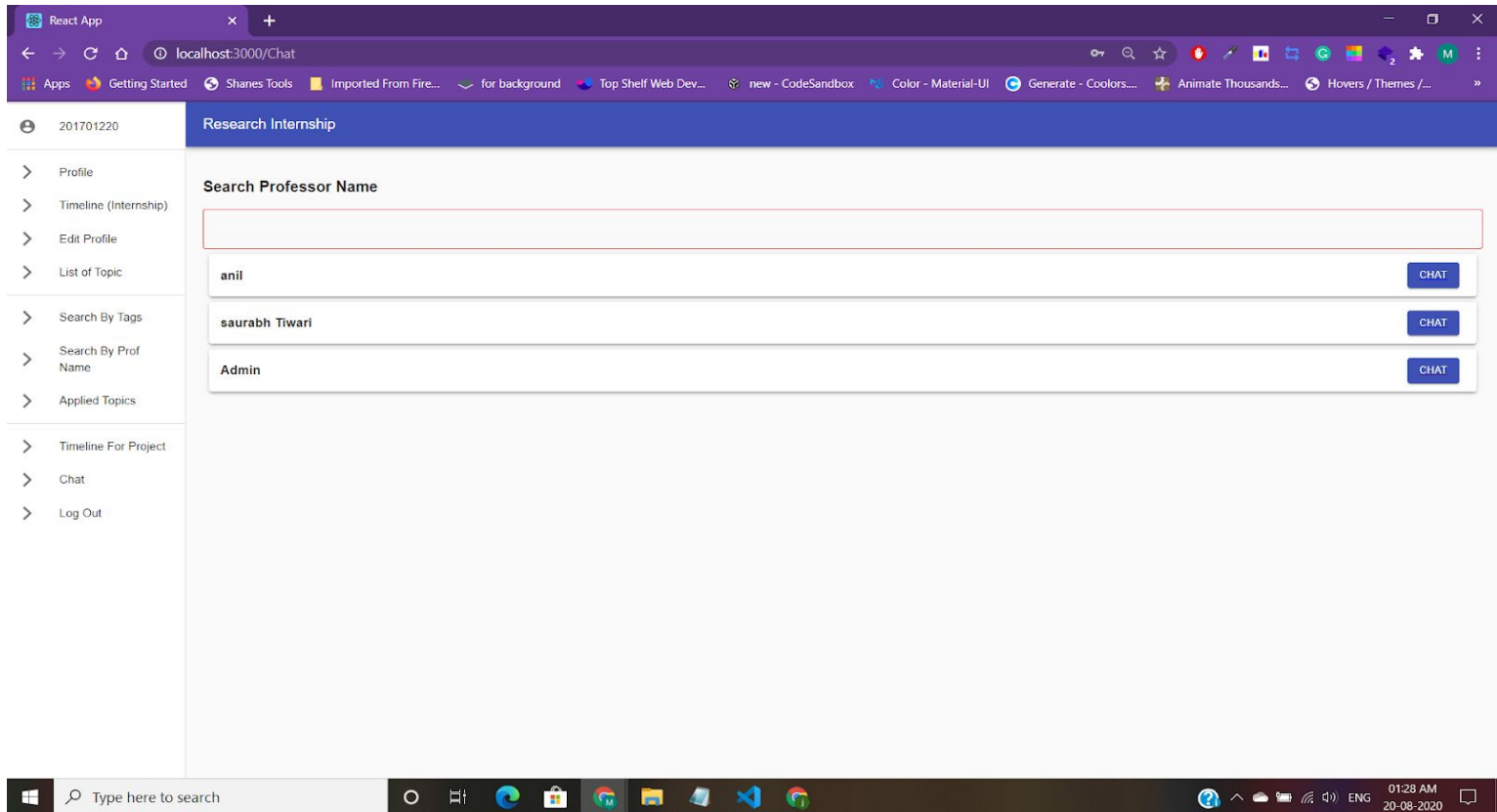
- Here student can see the List of Applied Topic
- Can send Request for stage 3 by on click on "Apply"
- Can see the final approval on last column

9) Timeline for Project :-



- Here Student can see the Timeline That is made by Professor
- This the timeline for project that is working on student

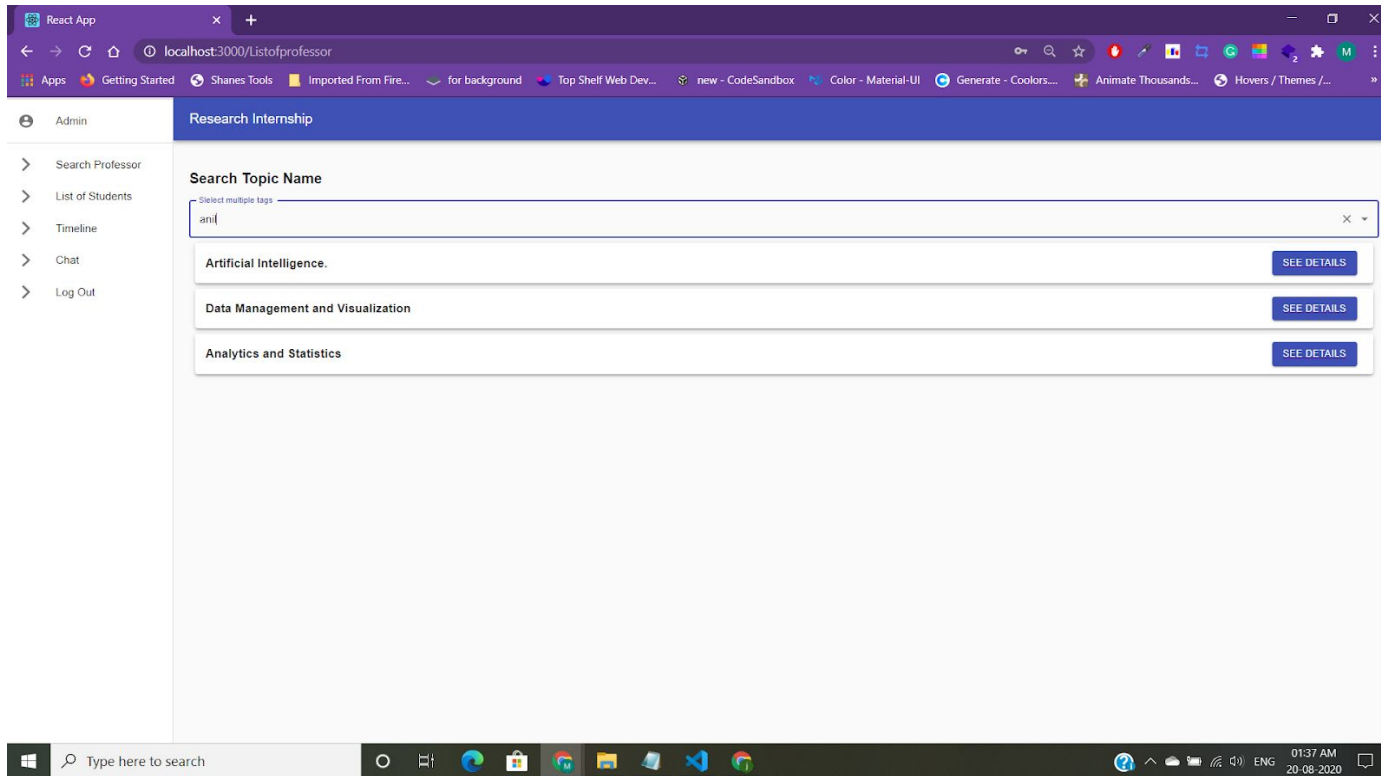
10) Chat :-



- Can see the List of Professor And Admin
- For Chat Click on "CHAT" button

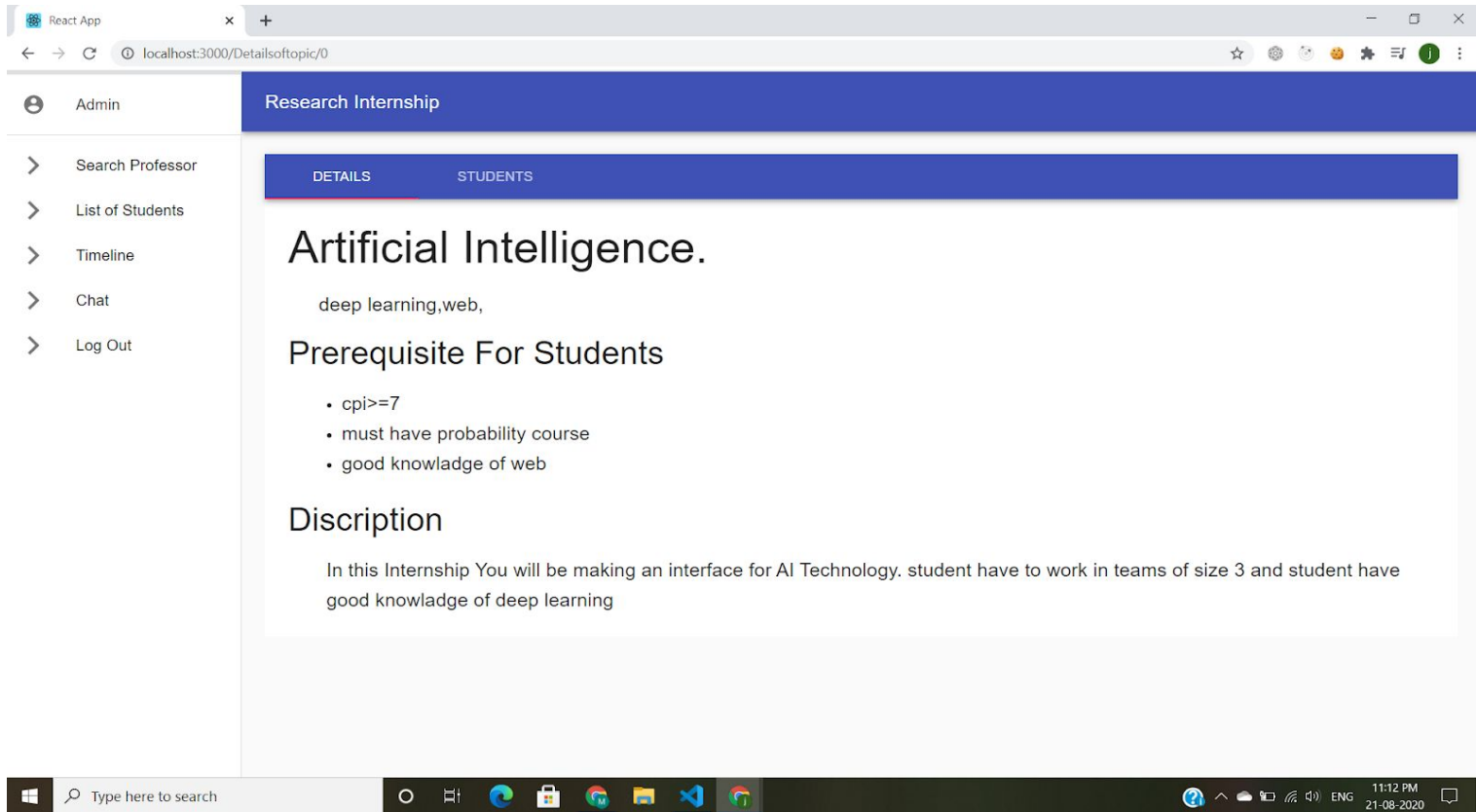
Flow for Admin :-

1) List Of Professor :-



- Admin Can see the professor List And Their Current Topics
- For See Details Click on “SEE DETAILS”

2) Details of Topic of Professor :-



- Here Admin can see the Topic Details of Professor

3) Student On Topics :-

The screenshot shows a web application running on a browser at localhost:3000/Detailsoftopic/1. The application has a sidebar menu on the left with the following items: Admin, Search Professor, List of Students, Timeline, Chat, and Log Out. The main content area is titled "Research Internship" and contains a tabbed interface with "DETAILS" and "STUDENTS" tabs. The "STUDENTS" tab is active, displaying a table with two columns: "Student Id" and "Final Grade". The table contains four rows of data:

Student Id	Final Grade
201701217	7
201701215	8
201701218	10
201701213	9

The Windows taskbar at the bottom shows the system time as 11:25 PM on 21-08-2020.

- Here Admin can see the Student List for a Professor

4) Create Timeline :-

The screenshot shows a web browser window with the URL `localhost:3000/timeline`. The page has a dark blue header with the text "Research Internship". Below the header, there are two tabs: "CREATE TIMELINE" (active) and "EDIT TIMELINE". On the left side, there is a sidebar menu with the following items: "Admin", "Search Professor", "List of Students", "Timeline", "Chat", and "Log Out". The main content area contains a form for creating a stage. It has a label "Stage Name" followed by a text input field. Below this is a checkbox labeled "Wants to student input any file" and a date input field with the placeholder "dd-mm-yyyy" and a calendar icon. Below the date field is a label "Discription of Stage" followed by a large text area. Below the text area is a blue button labeled "ADD STAGE". Below the button is a list of four stages, each with a dropdown arrow: "Stage 1", "Stage 2", "Stage 3", and "Stage 4". At the bottom of the form is a red button labeled "SAVE TIMELINE". The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system clock in the bottom right corner shows "01:38 AM" and "20-08-2020".

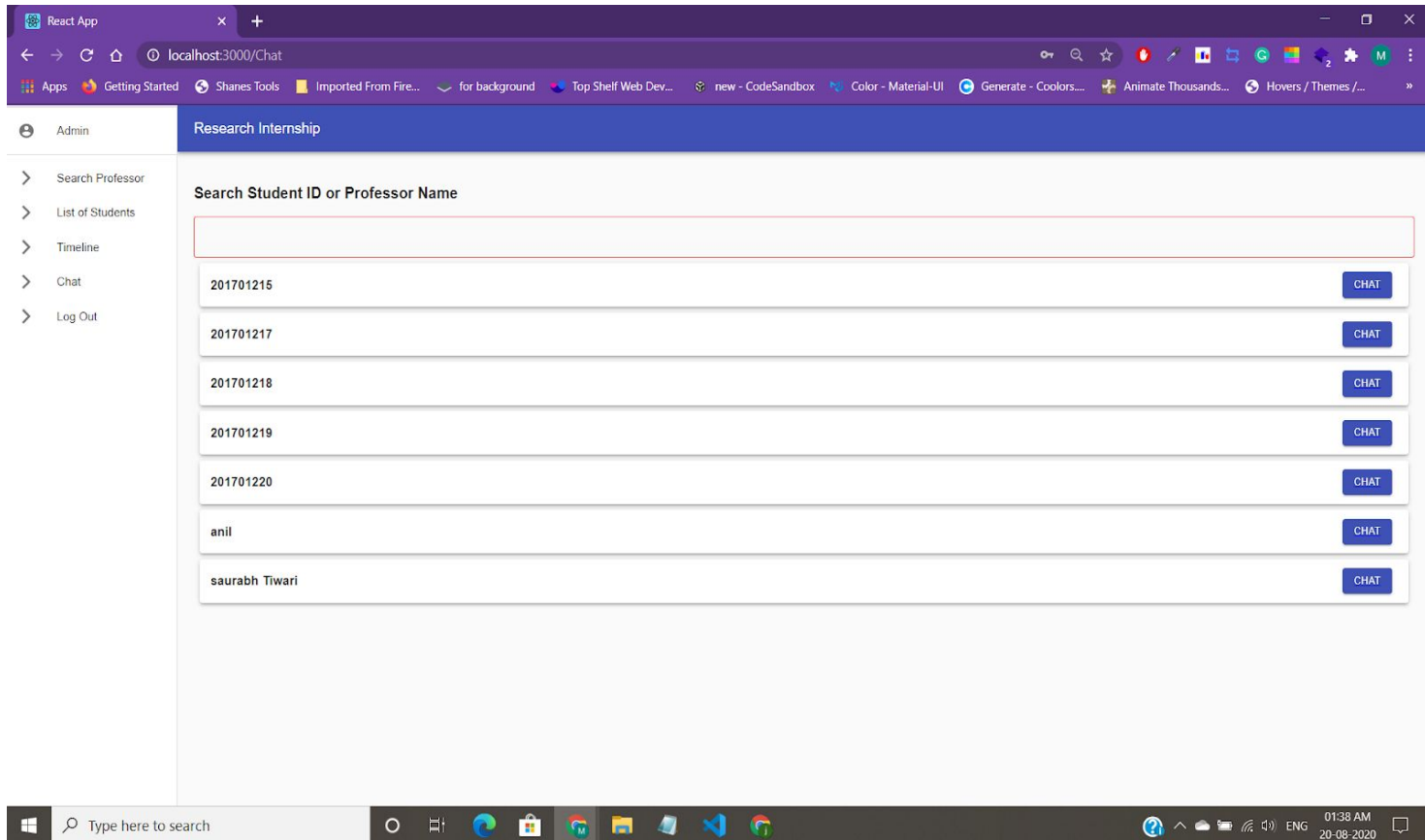
- Here Admin can Create Stages
- for Create Stage Click On "Add Stage"
- Admin must have to Save Timeline

5) Edit Timeline :-

The screenshot shows a web browser window with the URL `localhost:3000/timeline`. The page title is "Research Internship". The left sidebar contains a menu with the following items: Admin, Search Professor, List of Students, Timeline, Chat, and Log Out. The main content area has two tabs: "CREATE TIMELINE" and "EDIT TIMELINE". The "EDIT TIMELINE" tab is active, showing a list of four stages: Stage 1, Stage 2, Stage 3, and Stage 4. Below the list, there is a form for editing a stage. The form includes a "Stage Name" label, a text input field, a checkbox labeled "Wants to student input any file", a date input field with the placeholder "dd-mm-yyyy", and a "Discription of Stage" label with a large text area. At the bottom of the form, there are two buttons: "SAVE STAGE" and "ADD NEW STAGE". A red bar at the bottom of the page contains the text "SAVE TIMELINE".

- For Edit a particular Stage Click on That stage Then edit
- Must have to save Stage
- For Add stage Click on "ADD NEW STAGE"

6) Chat



- Can see the List of Professor And Students
- For Chat Click on "CHAT" button

