Second Evaluation Progress Submission

1. EAD Group Number - 28

2. Name of Students

Name	Roll Number
Utkarsh Aditya	S20180010182
Vipul Rawat	S20180010192
Pradum Singh	S20180010136
Sumanth Bhat	S20180010171
Sushant Bondle	S20180010030

3. Option Chosen - New Project with MERN/MEAN Stack - Option 2

4. Name of Project - Covid Support Center

5. Brief Description of Project

Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. The COVID-19 second wave is going much worse than the first one. From a shortage of beds to Remdesivir doses, the sudden surge in Covid cases across the country has left government and private hospitals scrambling. With soaring cases and overflowing hospitals, there is a growing demand for hospital beds, oxygen cylinders, plasma donors, and Remdesivir injections.

Amid the crisis, people on social media have come together, trying to help Covid patients and those in need about availability of resources. So instead of a vague platform like Twitter, Instagram, and Telegram, we have created a dedicated website towards the Covid-19 pandemic support. People can post questions and answers here.

6.Progress Made So Far

We have completed the Registration module, login and logout module and user profile module.

We are working on the landing page. Not all the things in the screenshot work as of now. We are working towards a fully functional web application.
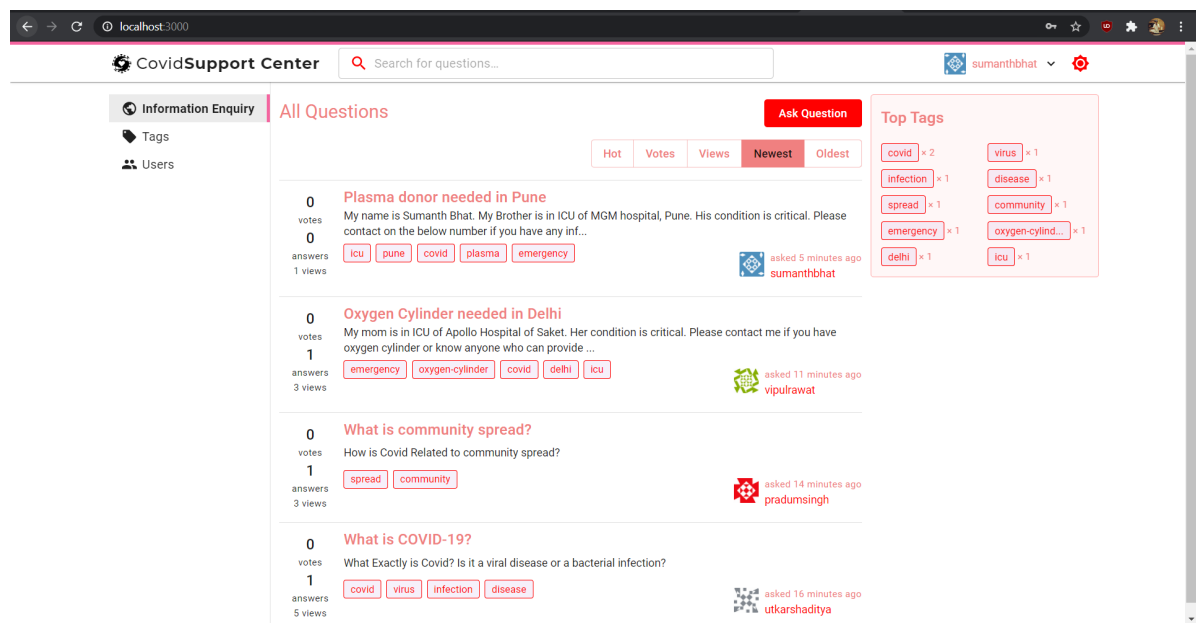
Features(Completed features have been marked)

- ☑ Authentication (login/register with username-password)
- ☑ CRUD questions, answers & comments
- ☑ Upvote/downvote questions & answers
- ☐ Tags for organizing questions
- ☑ Page views - A view is registered whenever the question page is opened
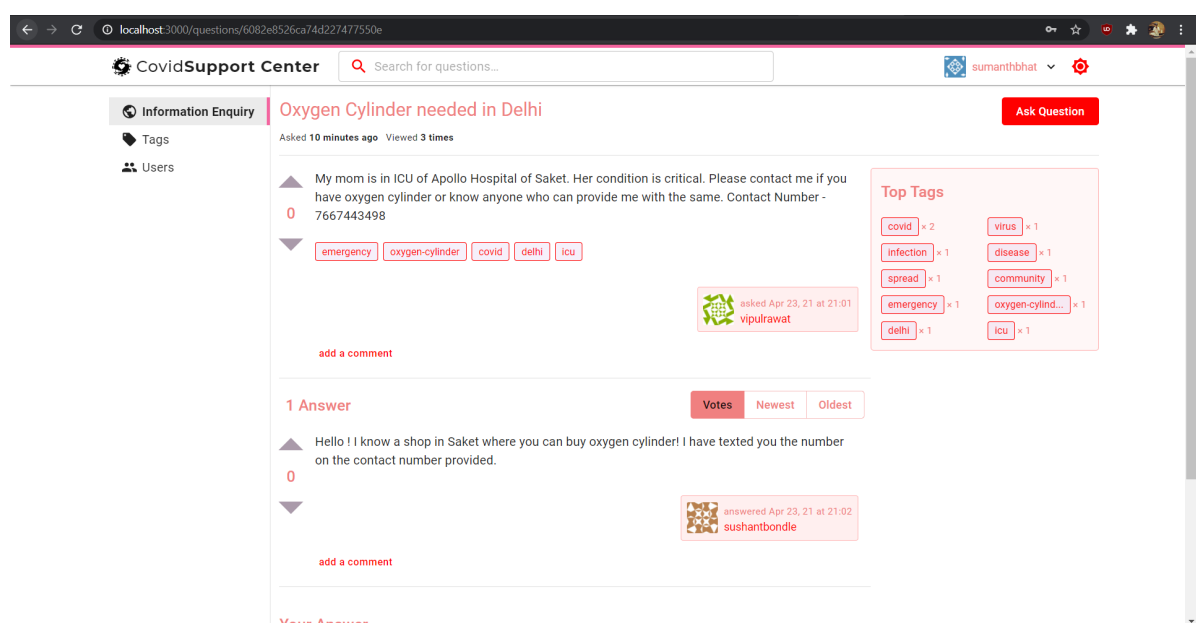
☑ Pages for added tags, registered users & more

☐ Sorting of questions on basis of hot, votes, views, newest & oldest

☐ Search questions over the server on basis of question title & body

☑ Pagination of posts in the form of "Load More" button

☐ Notifications for actions: adding questions, deleting comments etc.

☑ Loading spinners for relevant fetching processes

☑ Formatted dates for adding/updating questions/answers/comments

☑ Dark mode toggle w/ local storage save
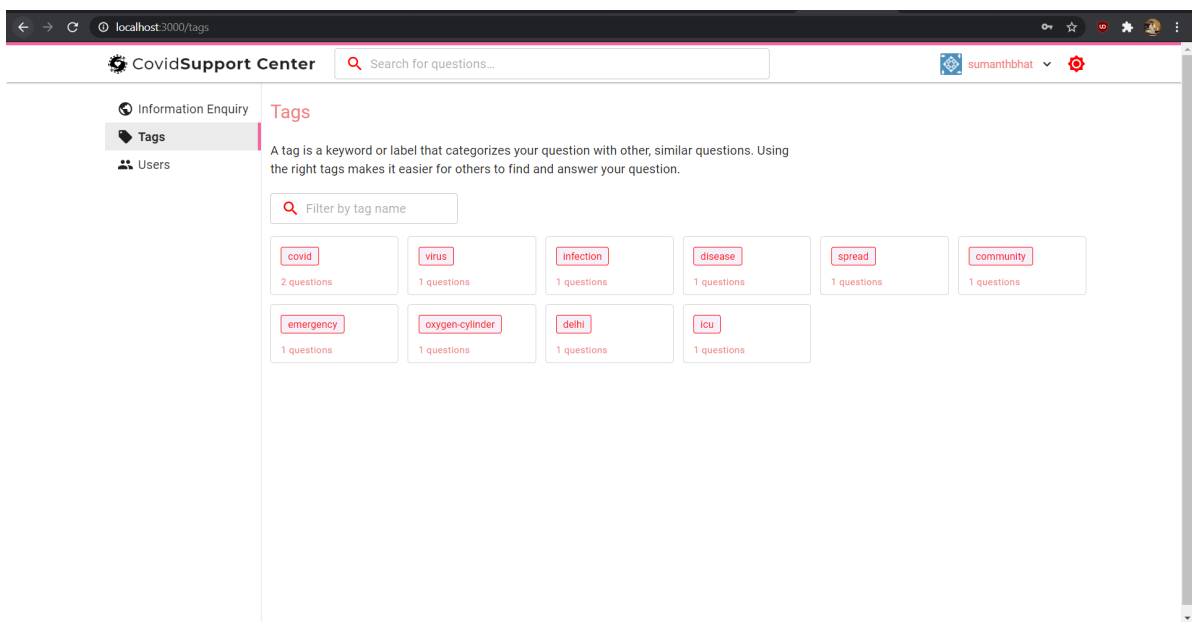
☐ Proper responsive UI for all screens
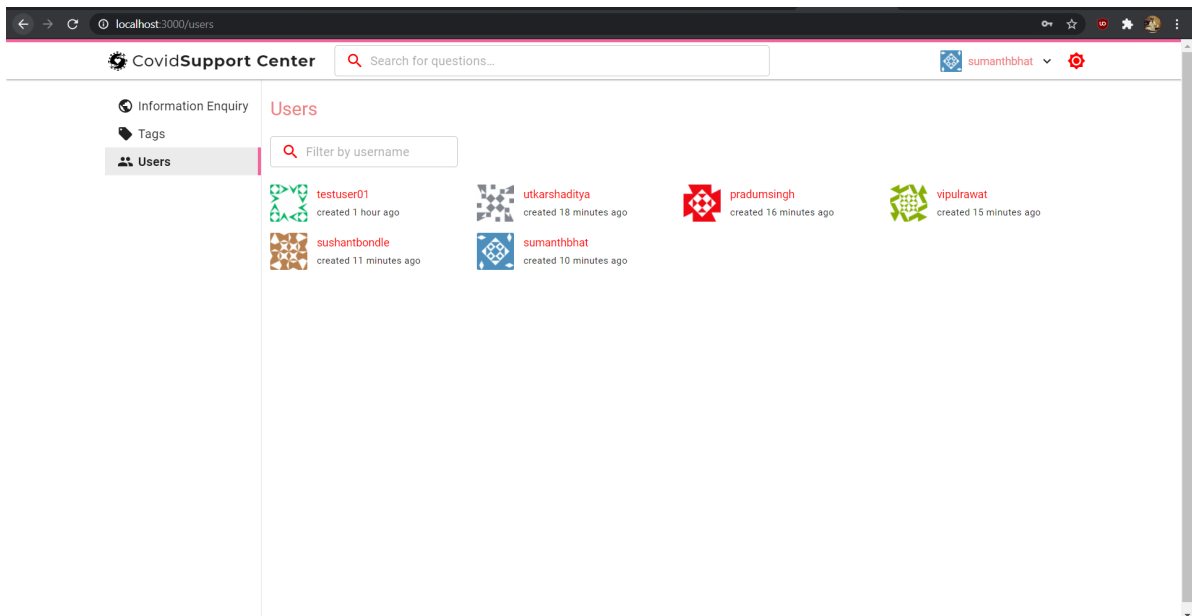
Screenshots
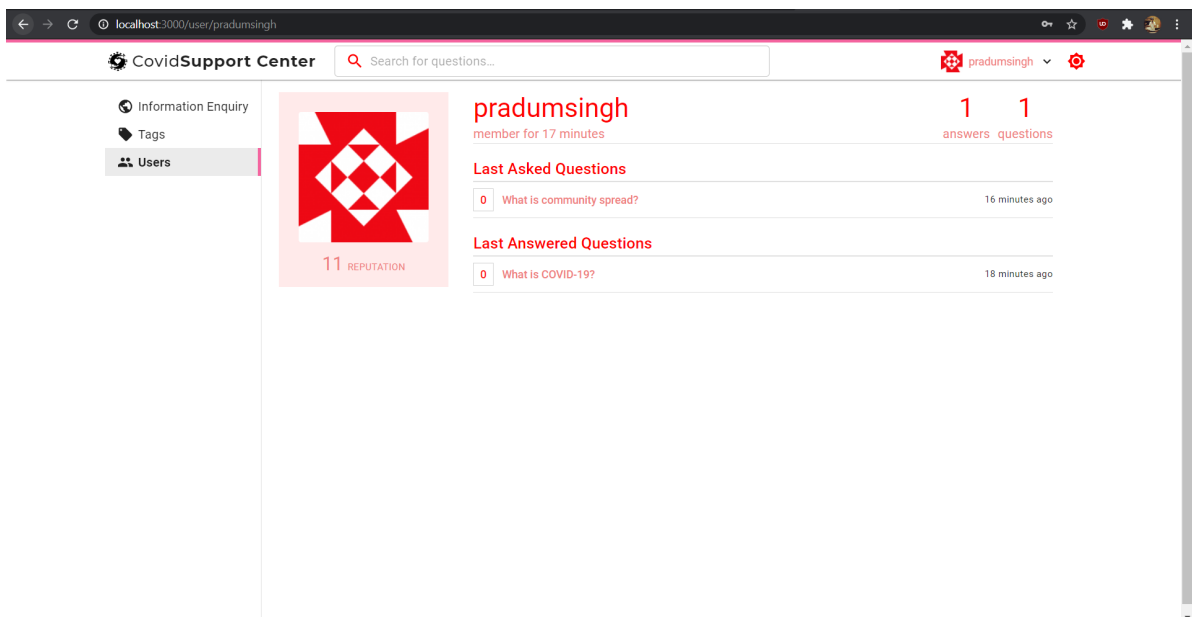
1. Questions List page (Home Page)

2. Question Page

3. Tags Page

4. Users Page

5. User Profile Page

7. Distribution Of Work

Name	Work	% Worked
Utkarsh Aditya	Question Module	20
Vipul Rawat	Login and Logout Module	20
Pradum Singh	User Module	20
Sumanth Bhat	Tags Module	20
Sushant Bondle	Queries Module	20

8. Technical Difficulties You are/were Facing

1. **Environment setup** - It took quite a decent of time to get used to setting up a MERN environment since we were new to the stack.
2. **Testing framework** - We do not have much knowledge about testing framework in MERN like we had of PyTest in Django.
3. **Writing to MongoDB** - Error in sending data to server.
4. **Authentication Problem** - JWT token management.
5. **Access To Local Storage** - Untrusted Script can access local storage.

9. Logistical Issues You are Facing

1. Sorting by tags - We did not take into account the sorting functionalities for the questions posted on the website.

10. Technical Questions for external faculty - None

11. Non-Technical Questions for internal faculty - None