

PROJECT PROPOSAL

ON

**TOMATO-A Food Delivery Website**

SUBMITTED TO

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**Submitted to: Submitted By:**

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Samridhi Sachdeva (2210992243)



Annexure I (For Project Proposal for BEE)

1. Project Statement:

Development of a food delivery app-TOMATO using the MERN (MongoDB, Express.js, React.js, Node.js) stack. It enhances the food ordering experience by offering personalized recommendations, user-generated reviews, and a platform for food enthusiasts to connect and share their passion.

1. Approximate duration (in hours) to complete the project: 360 hours
2. Proposed Project In charge: Saloni Kumari
3. Team Members along with roll no’s:
   1. Saloni(2210992231)
   2. Saloni Kumari(2210992232)
   3. Samreen Kaur (2210992240)
   4. Samridhi Sachdeva(2210992243)
4. Check Points:
   1. Does the project statement result in a product? If yes, what type of product?

Yes, it results in a web-based food delivery app.

* 1. If it is a product, can a prototype be made, if not, what is it, which we can produce that our teachers can evaluate.

Yes, a prototype can be made. A functional MVP (Minimum Viable Product) showcasing core features can be produced for evaluation.

* 1. Does the project statement use multiple concepts to achieve the outcome? (yes/no)

Yes

* 1. Does it have enough for our team members to do sufficient amount of work? (yes / no)

Yes

1. Technical Nodes (add more rows in the table below, if required)

|  |  |
| --- | --- |
| Subject / Area / Topic | Technical Nodes |
| Backend Development | Node.js, Express.js, MongoDB |
| Frontend Development | React.js, HTML, CSS, JavaScript |
| Version Control | Git, GitHub |
| User Authentication | JWT (JSON Web Tokens), Passport.js |
| Database Management | MongoDB, Mongoose |
| Deployment | Heroku, AWS, or any cloud service |

1. Prerequisites (in terms of knowledge, concepts and material) for doing the Project:

Understanding of MERN stack (MongoDB, Express.js, React.js, Node.js)

Basic knowledge of WebSockets

Experience with user authentication and authorization mechanisms

Familiarity with database management and CRUD operations

Knowledge of version control systems (e.g., Git)

1. Material that may be required to make the project and where it might be available

Laptops/Desktops with internet access

MERN stack setup on local machines

Code editor (e.g., VS Code)

Online resources and documentation

1. What could the total cost of the project?

20$

1. Resources available to us:

Laptops/Desktops with required software installed

Internet access

Online documentation and tutorials

Code repositories (e.g., GitHub)