

Annexure I (For Project Proposal for FSE)

1. Project Statement:

Co-Founder AI addresses these challenges by providing a unified platform that combines multi-source data integration, AI-driven insights, and workflow automation. It streamlines CRM enrichment, automates email synchronization and messaging, and empowers teams with actionable insights, enabling them to focus on strategic tasks and drive revenue growth effectively.

1. Approximate duration (in hours) to complete the project:- 360 hours.
2. Proposed Project In charge: Gurpreet Kaur.
3. Team Members along with roll no’s:

a. Gurpreet Kaur (2210991597).

b. Arsh Thakur (2210991362).

c. Jatin Kumar (2210991712).

d. Sahil Singh Ranout (2210992214).

1. Check Points:
   1. Does the project statement result in a product? If yes, what type of product?

-Yes, it streamlines CRM enrichment, automates email synchronization and messaging, and empowers teams with actionable insights, enabling them to focus on strategic tasks and drive revenue growth effectively.

* 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 | Next.js, Typescript |
| Real-time Communication | WebSockets, Nodemailer |
| User Authentication | JWT (JSON Web Tokens) |
| Database Management | MongoDB, Mongoose |
| Deployment | AWS (Amazon Web Services) |
| Version Control | Git, GitHub |

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

Understanding of MERN stack (MongoDB, Express.js, React.js, Node.js, Next.js). Server-side rendering and static site generation ensure fast load times and improved search engine visibility. Built-in routing, API support, and rich community libraries accelerate development. Dynamic serverless deployments and optimized builds make it suitable for growing applications. Seamless integration with frontend and backend tools allows customization to suit project requirements. 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 (available on official websites and platforms like MDN, Stack Overflow).
* https://www.clay.com/

1. What could the total cost of the project?

2.5 LAKH.

1. Resources available to us:

* Laptops/Desktops with required software installed.
* Internet access.
* Online documentation and tutorials.
* Code repositories (e.g., GitHub).
* Cloud services (e.g., AWS, MongoDB Atlas free tier).