Development Team

Stated below are the names, roles and skill required for this project

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| Name | Role | Skills |
| Chiagozie Maduemesi | Product Owner | Business strategy, stakeholder communication |
| Faith Okunola | Content Strategist and researcher | Market analysis, persona creation, content writing |
| Onolemen Omokhuale | UI/UX Designer | Figma, prototyping, user research |
| Shresta Rapol | Back End Developer | Database design, server-side development |
| David Carter | Full Stack Developer | Node.js, React.js, MongoDB, API development |
| Mese Lee | Q/A Engineer | Testing frameworks, front-end coding, documentation |
| Oneal Williams | Scrum Master | Agile processes, team facilitation |

The Development team is presented below

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| Role | Team Members | Task |
| Porduct Owner | Chiagozie Maduemesi | - Represents the customer and stakeholder interests |
|  |  | - Prioritizes features and manages the product backlog. |
|  |  | - Defines the vision and goals for Co-Lab Connect. |
| Scrum Master | Oneal Williams | - Facilitates sprint planning, reviews and retrospectives and ensure the team follows agile principle. |
| Brain Storming | Onolemen Omokhuale, Shresta Rapol, Faith Okunola, David Carter. | - Generating ideas for user experience and technical implementation |
| Research | Faith Okunola, Omokhuale Onolemen | -Findings on already existent platforms and also collaboration tools, skill exchange platform, AI algorithm. |
| Business Model | Chiagozie Maduemesi, Faith Okunola | Creating sustainable business strategy aligning with the startup goals as well as defining revenue streams. |
| Market Analysis and Personas | Faith Okunola, Omokhuale Onolemen | -Developing personas for target audience and also analyzing market needs. |
| UseCases | Mese Lee, Shresta Rapol | - Defining user interactions with match making and collaboration tools. |
|  |  | -Creation of flowcharts for document use. |
| Entity Relationship Diagram | Shresta Rapol, David Carter | -Design the database schema users, connections, task and skill exchanging. |
|  |  | -Ensuring scalability for future growth. |
| Class Diagram | Shresta Rapol, Mese Lee | -Mapping key features like match making, tasks, and repositories to class relationships. |
|  |  | -Designing the system object-oriented architecture. |
| Content Plans | Omokhuale Onolemen, Mese Lee | -Creation of content for the platform, including landing page, user profiles and features description. |
|  |  | -Writing community guidelines and onboarding |
| Protoype Mockups | Omokhuale Onolemen, Mese Lee | -Figma designs |
|  |  | -Creative interactive prototypes to demonstrate navigation and features. |
| Code Development | Shresta Rapol, David Carter, Mese Lee | -Develop front-end and back-end. |
|  |  | -Integration of APIs for AI matchmaking and conferencing. |
| Testing | Mese Lee, Oneal Williams | -Unit, integration and regression testing |
|  |  | -Usability testing and feedbacks. |
| Documentation | Oneal Williams, Mese Lee | -Writing user manuals and onboarding guidelines. |
|  |  | -Create technical documentation for the system (API references, database schema) |