Contribution Log – Sprint 4 (Nov 2 – Nov 24)

Name: Ali Ossama El Khaled

Week 1 (Nov 2 – Nov 10)

- **Nov 3 (1 h):** Joined team meeting to review sprint goals and suggested the **fourth feature**; discussed feasibility and alignment with project requirements.
- **Nov 4 (1 h):** Team agreed on moving forward with the **chatting feature**, and we finalized how it will function between users.
- **Nov 5 (1.5 h):** Participated in a planning meeting where we decided how to **split the work** for Sprint 4, assigning backend, frontend, and integration roles.
- **Nov 7 (2 h):** Started working on the **backend structure** for Sprint 4, reviewing required endpoints and setting up initial files.
- **Nov 9 (1.5 h):** Continued implementing backend logic and prepared the models needed for chat and additional sprint features.

Week 2 (Nov 11 – Nov 17)

- **Nov 11 (2 h):** Connected the backend to the **database**, created collections/tables as needed, and tested basic CRUD operations.
- **Nov 13 (1.5 h):** Linked newly created backend routes to the database functions; debugged errors and ensured proper data flow.
- **Nov 15 (2 h):** Began integrating the backend with the **frontend**, connecting endpoints for the new feature and validating responses.
- **Nov 17 (1 h):** Fixed CORS, routing, and response formatting issues to ensure the frontend works smoothly with new backend routes.

Week 3 (Nov 18 – Nov 24)

- **Nov 18 (2 h):** Started working on the **Sprint 4 report**, writing my section and summarizing backend work.
- **Nov 20 (1.5 h):** Worked on the **presentation**, organizing slides for the backend and integration parts.
- **Nov 21 (1 h):** Practiced the **demo** with the team, tested main features, and identified parts that needed polishing.
- **Nov 23 (2 h):** Finalized backend code, helped refine the presentation slides, and completed the remaining parts of the report.

- **Nov 24 (1 h):** Final review of all Sprint 4 deliverables; ensured everything is uploaded, consistent, and ready for submission.

Total Estimated Time

~20 hours