# Contributions

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| Members | Area | Relations |
| Rise | User management | * Made the ER diagram for the User\_Management schema, according to the Data Dictionary.   + Connected the User\_Management ER diagram to the combined ER diagram. * Made small changes to the User\_Management section of the Data Dictionary to remove redundancy. * Wrote the Non-Functional Requirements section of the Requirements Document, and slideshow. * Revised the AI-Powered tools section in “User Needs”. I replaced the solution and added a note explaining why we decided against including AI tools. * Created the slide about the Key Design Decisions. * Created the initial Requirements Document, and the initial Normal Forms Discussion Document.   + Only worked on the sections outlined above. |
| Jake | Study Groups & Collaboration | Estimated 9 Tables  StudyGroup, GroupMember, Resource etc |
| Sarah | Study Management | * Created the **ER diagram** for the Study Management section. * Worked on **combining and integrating** all ER diagrams into one unified model. * **Redesigned connections**, corrected mistakes, and added missing relationships and cardinalities after the initial version by Rise, Jacob, and Vivek. * Contributed to the **Requirements Document**, including: * Writing **core and non-core functional requirements**. * Defining **project constraints**. * Completing the **appendix** section. * **Created and distributed survey** used for requirements gathering for general features. * Developed **functional dependencies** for all Study Management entities. * Worked on the **Study Management schema normalization** and identified its normal forms. * Worked on my **presentation slides**, including the slide explaining **why we chose our design approach**. |
| Vivek | Quizzes & Flashcards | Estimated 4 Tables  Quizzes, Questions, Answer etc. |
| Sarah | Gamification (Optional) | Began exploring **gamification features** such as **leaderboards and animations —** using data from the **StudyStats entity** in the Study Management schema to generate leaderboard rankings. |