# Project Title: Recreation Hub

Team Members: Uday Mani Sai Asa, Anjum Mehnaz Akumalla

**Phase 1: Final Problem Description**

Task Allocation: Both team members collaborated to analyze the final problem description and understand its requirements.

Timeline: We spent approximately 2 days discussing and brainstorming ideas to ensure a clear understanding of the problem statement.

Tasks Completed:

* Analyzed the provided problem description.
* Discussed potential approaches and solutions.
* Defined the scope and objectives of Phase 1.

**Phase 2: Final Revised EER**

Task Allocation: Uday Mani Sai Asa took the lead in creating the initial EER diagram, while Anjum Mehnaz Akumalla provided feedback and suggestions for revisions.

Timeline: The initial draft of the EER diagram was completed in 3 days, followed by 2 days of revisions based on feedback.

Tasks Completed:

* Uday Mani Sai Asa created the initial EER diagram based on the project requirements.
* Anjum Mehnaz Akumalla reviewed the initial draft and provided feedback for improvements.
* Collaborated to make necessary revisions and finalize the EER diagram.

**Phase 3: Initial Relational Mapping and Final Relational Mapping after Revision and BCNF Normalization**

Task Allocation: Both team members worked together to perform the initial relational mapping and revisions based on BCNF normalization principles.

Timeline: The initial relational mapping was completed in 4 days, followed by 3 days of revisions and BCNF normalization.

Tasks Completed:

* Conducted the initial relational mapping based on the EER diagram.
* Reviewed the mapping for inconsistencies and normalization violations.
* Applied BCNF normalization principles to refine the relational mapping.
* Finalized the relational mapping after ensuring adherence to BCNF.

**Phase 4: Script Files Development**

Task Allocation: Anjum Mehnaz Akumalla was responsible for creating the CREATE and INSERT script files, while Uday Mani Sai Asa focused on the UPDATE, DROP, and ad-hoc SQL Queries script files.

Timeline: The script files development phase took approximately 5 days to complete.

Tasks Completed:

* Anjum Mehnaz Akumalla developed the CREATE and INSERT script files, ensuring proper table structure and data insertion.
* Uday Mani Sai Asa worked on the UPDATE, DROP, and ad-hoc SQL Queries script files, incorporating necessary functionalities and error handling.
* We reviewed works of each other and shared feedbacks for improvements.

**Overall Project Management:**

Communication: Regular communication was maintained between team members via Teams or by face-to-face meetings to discuss progress, share updates, and address any issues or concerns.

Collaboration: Both team members actively collaborated throughout all phases of the project, providing support and assistance to ensure tasks were completed efficiently.

Feedback and Revisions: Feedback from both team members was valued and incorporated into the project at each stage, leading to iterative improvements and a high-quality final deliverable.

Timeline Adherence: The project timeline was carefully managed to ensure timely completion of tasks, with adjustments made as needed to accommodate any unexpected challenges or delays.