

Group Members and Contributions

Parth Pandya

Prompting & AI Code Generation:

- Created the initial prompts for the chatbot to generate the Movie Recommendation System code.
- Guided the AI through debugging, adding features, and handling edge cases in input data.
- Implemented core functionality, including loading movies, calculating averages, generating recommendations, and genre-based queries.

Mohammad Shaheer Siddiqi

Testing & Validation:

- Designed and executed test cases for the Movie Recommendation System.
- Verified correct handling of ratings, movies, and edge cases (e.g., empty lines, duplicate ratings, out-of-range values).
- Provided feedback to Parth and suggested adjustments to improve system robustness.

Nithin Sai Ega

Documentation & Project Organization:

- Compiled and structured the full project documentation, including AI session logs, code explanations, and input data handling.
- Clarified unclear AI-generated code sections, explaining list comprehensions, lambda functions, and dataclasses.
- Organized the contributions of all team members and ensured proper attribution for each aspect of prompting, coding, testing, and documenting.
- Produced the final report with clear sections, examples, and summaries for submission.