Team Member Contributions
Phase I
MainePad Finder
By Jeffrey Fosgate, Yunlong Li, Ashley Pike and Sophia Priola

Jeffrey Fosgate
- Conducted two stakeholder interviews (see transcripts on GitHub: `Fosgate_COS457_Interview1`, `Fosgate_COS457_Interview2_Pt1`, `Fosgate_COS457_Interview2_Pt2`).
- Refined Detailed Requirements Document (DRD) entries:
    - Rewrote DRD requirements with a single simple format (i.e., "The system shall…" for functional requirements) for standardization and readability.
    - Expressed several DRD non-functional requirements in statistical terms (i.e., time benchmarks, percentages) where applicable, for objectivity.
- Refined data dictionary entries:
    - Defined data dictionary data types and constraints in terms of specific SQL keywords and domain types (i.e., `varchar(200)` instead of "String") for pragmatism.
    - Refined attribute descriptions to provide additional necessary details (i.e., specifying the meaning of **USER**.GENDER (`char(1)`) values).
- Contributed to normalization:
    - Formatted elements of normalization document (i.e., expressing schemas in `monospace`) for readability.
    - Attempted to normalize **PROPERTY** entity type – ultimately broadly incorporated into a written description created by Ashley Pike and Sophia Priola.

- Designed elements of Entity-Relationship (ER) diagram:
  - Created initial designs for the MATCH relation between two **RENTER**s.
  - Designed the paradigm of **RENTER** and **LANDLORD** as subtypes of **USER**.
  - Created comprehensive ER diagram drafts with Sophia Priola – many elements were ultimately incorporated into the final ER diagram (i.e., **USER**, **LANDLORD**, **RENTER**, **PROPERTY** entity types, subtype relation between **USER** and **LANDLORD**/**RENTER**, etc.)
- Contributed slides to Phase I presentation (General overview slides, *SQL-izing Data Types and Constraints*, *The **RENTER** and **LANDLORD** Subtypes*).
- Managed team *Trello* board to coordinate due dates for Phase I materials.

Sophia Priola
- Conducted two stakeholder interviews (see transcripts on GitHub: `GraceK_Interview.txt`, `KalieP_Interview.txt`).
- Created a logo in CANVA for MAINE PAD FINDER
- Normalizations and BCNF decompositions
  - Normalized all entities and contributed in the writing of the Normal Forms Discussion
- Added entities and attributes needed to data dictionary
  - Later modified by Jeffrey Fosgate to resemble SQL keywords and domain types
- Created rough draft of ER diagram (with Jeffrey Fosgate) as template to use before finalizing
  - Attempted to structure entities such as `MESSAGES`, `NOTIFICATIONS` and `PREFERENCES,` ultimately rough draft needed to be further refined

- Assisted in group meetings after every Tu/Th COS 457 class in addition to zoom meetings, working on Detailed Requirements Document, ER Diagram, Data Dictionary, Normal Forms Discussion and Google Slide Presentation

Ashley Pike (Team Leader)
- Managed Github repository
- Determined due dates
- Conducted one stakeholder interview (see transcripts on GitHub: `quinn_interview.txt`).
- Designed ADDRESS, RENTER_PREFERENCES, HAS_PREFERENCE, and RENTER_SETTINGS. Created final version of NOTIFICATION, MESSAGE, and MATCH.
  - Assisted in the design of all entities.
- Added entities and attributes to data dictionary
  - Later modified by Jeffrey Fosgate to resemble SQL keywords and domain types
  - Fixed missing constraints and added missing entitities after modification
- Normalized the user entity and contributed to the Normal Forms Discussion
- Participated in group meetings after every Tu/Th COS 457 class as well as zoom meetings working on Detailed Requirements Document, ER Diagram, Data Dictionary, Normal Forms Discussion, and Google Slide Presentation.

Yunlong Li
- Contributed to early ER diagram design and analysis. And attend the ER diagram drawing and renewal.

- Contributed to the data dictionary and assisted with detailed requirements.
- Contributed to the detailed requirements: participated in discussions, drafted content, and executed revisions. And collaborated on detailed requirements discussions, drafting, and revisions to align with stakeholder feedback.
- Actively participated in team meetings, asking clarifying questions and driving follow-ups.