Sprint 3 System Design

November 2019

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CRC Cards

System Architecture Diagram

CRC Card: Fandom

Class Name: Fandom

Collaborators: User, Subscribe, Post

Responsibilities: Holds all data pertaining to a particular fandom.

CRC Card: Homepage

Class Name: Homepage

Collaborators: User, Fandom, Subscribe

Responsibilities: Holds all data pertaining to a particular fandom.

CRC Card: Login

Class Name: Login

Collaborators: User

Responsibilities: Displays successful login upon entering correct credentials.

CRC Card: Profile

Class Name: Profile

Collaborators: User

Responsibilities: Displays all necessary data pertaining to a user.

CRC Card: Register

Class Name: Register

Collaborators: User

Responsibilities: Displays successful register upon entering correct credentials.

CRC Card: About

Class Name: About

Collaborators: N/A

Responsibilities: Displays necessary information about FanLinc.

CRC Card: Friends_List

Class Name: Friends_List

Collaborators: User

Responsibilities: Stores data pertaining to the User's friends on FanLinc.

CRC Card: Post

Class Name: Post

Collaborators: User, Fandom

Responsibilities: Holds all data pertaining to Posts made by Users connected to a certain Fandom.

CRC Card: Subscribe

Class Name: Subscribe

Collaborators: User, Fandom

Responsibilities: Displays successful register upon entering correct credentials.

CRC Card: User

Class Name: User

Collaborators: N/A

Responsibilities: Holds all data pertaining to an individual User

CRC Card: AddFriend

Class Name: AddFriend

Collaborators: User, Friends_List

Responsibilities: Add a given user to the Friends_List of another user.

CRC Card: MakePost

Class Name: MakePost

Collaborators: Post, User, Fandom

Responsibilities: Updates a Fandom by creating a new Post made by a user.

CRC Card: Fandom-Profile

Class Name: Fandom-Profile

Collaborators: User, Fandom

Responsibilities: Displays all relevant information pertaining to a fandom

CRC Card: Fandom-List

Class Name: Fandom-List

Collaborators: Fandom

Responsibilities: Displays all Fandoms

Software Architecture Diagram

Model

- User
  - Messages
  - Friends_List
- Fandom
  - Post

Updates

Manipulates

Controller

- AddFriend
- MakePost
- SendMessage
- Subscribe
- Fandom-List

Uses / Sees

View

- Profile
- Login
- Register   - Fandom-Profile
- Notification
- Homepage
- About