

Sprint 1 System Design

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Fandom

Class Name: Fandom

Collaborators: User, Subscribe, Post, Notification

Responsibilities: Holds all data pertaining to a particular fandom.

Homepage

Class Name: Homepage

Collaborators: User, Fandom, Subscribe

Responsibilities: Holds all data pertaining to a particular fandom.

Login

Class Name: Login

Collaborators: User

Responsibilities: Displays successful login upon entering correct credentials.

Profile

Class Name: Profile

Collaborators: User

Responsibilities: Displays all necessary data pertaining to a user.

Register

Class Name: Register

Collaborators: User

Responsibilities: Displays successful register upon entering correct credentials.

About

Class Name: About

Collaborators: N/A

Responsibilities: Displays necessary information about FanLinc.

Friends_List

Class Name: Friends_List

Collaborators: User

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

Post

Class Name: Post

Collaborators: User, Fandom

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

Messages

Class Name: Messages

Collaborators: User, Friends_List

Responsibilities: Sends a message between two users, who are on each other's friends lists.

Notification

Class Name: Notification

Collaborators: User, Fandom, Subscribe

Responsibilities: Sends User a prompt based on Notification input values

Subscribe

Class Name: Subscribe

Collaborators: User, Fandom

Responsibilities: Displays successful register upon entering correct credentials.

User

Class Name: User

Collaborators: N/A

Responsibilities: Holds all data pertaining to an individual User

AddFriend

Class Name: AddFriend

Collaborators: User, Friends_List

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

MakePost

Class Name: MakePost

Collaborators: Post, User, Fandom

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

SendMessage

Class Name: SendMessage

Collaborators: User, Messages, Friends_List

Responsibilities: Updates a User's messages by adding a new message between two users.

Software Architecture Diagram

