

CRC Cards Current

Backend

Class Name: User	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none">• stores user information• supplies CRUD operations on users	Collaborators: None

Class Name: Timeline	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none">• stores user's skills and experiences with corresponding date• supplies CRUD operations on timeline	Collaborators: None

Class Name: Profile	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none">• stores user's profile<ul style="list-style-type: none">• uses' email, description, etc.• supplies CRUD operations on user's profile	Collaborators: None

Class Name: Tag	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none">• stores tags of users• supplies CRUD operations on tags	Collaborators: None

Class Name: UserTag	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none">• stores users and tags pairs• supplies CRUD operations on userTag	Collaborators: None

Class Name: Like	
Parent Class: N/A	
Subclasses: N/A	

Responsibilities <ul style="list-style-type: none"> stores rate information supplies CRUD operations on like 	Collaborators: None
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Class Name: Post	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none"> stores post information supplies CRUD operations on posts 	Collaborators: None

Class Name: Image	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none"> stores uploaded images supplies CRUD operations on images 	Collaborators: None

Services

Class Name: AccountService	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none"> Manages HTTPS request for user login, logout, sign up/register. Creates a profile for each user created. Gives error if user inputs are invalid 	Collaborators: User Profile

Class Name: ProfileService	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none"> Manages HTTPS request for profile CRUD Gives error if user inputs are invalid or user does not have permission to edit the profile Manages HTTPS request for timeline CRUD 	Collaborators: Profile Timeline Like Image

Class Name: TagService	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities <ul style="list-style-type: none"> Manages HTTPS request for tag CRUD 	Collaborators: Tag UserTag

Class Name: PostService	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Manages HTTPS request for post CRUD. (Deleting post also means deleting comments associated with it) 	Post

Frontend

Class Name: LoginPage	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Allows user to enter the user name and password to login in Can link to sign up page and profile page Gives alerts for failed login and invalid inputs 	<ul style="list-style-type: none"> SignupPage ProfilePage AccountService

Class Name: SignupPage	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Allows user to enter the email, password, user name and chose the identity to sign up Can link to login page Gives alerts for failed signup and invalid inputs 	<ul style="list-style-type: none"> LoginPage AccountService

Class Name: ProfilePage	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays and allow edits to user profile, user tags, timeline, and posts 	<ul style="list-style-type: none"> ProfileService PostService TagService Rating MomentieTag MomentieTimeline MomentiePost

Class Name: MomentieTag	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Allows user to add and delete their tags Displays list of tags 	None

Class Name: MomentieTimeline

Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays and allows user to add, edit or delete on list of timelines 	<ul style="list-style-type: none"> MomentieTimelineItem
Class Name: MomentieTimelineItem	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays and allows user to add, edit or delete an item of a timeline 	None
Class Name: Rating	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays a rating and allow user to edit the rating 	None
Class Name: MomentiePost	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays a list of posts 	None
Class Name: HomePage	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Allows user to search users with different filters such as by skill, email, username, etc. Displays popular tags and posts by popular users 	ProfileService TagService PostService MomentiePost MomentieTag MomentieUserList
Class Name: MomentieUserList	
Parent Class: N/A	
Subclasses: N/A	
Responsibilities	Collaborators:
<ul style="list-style-type: none"> Displays a list of simplified user profiles Allows navigation to the actual profiles 	Rating