

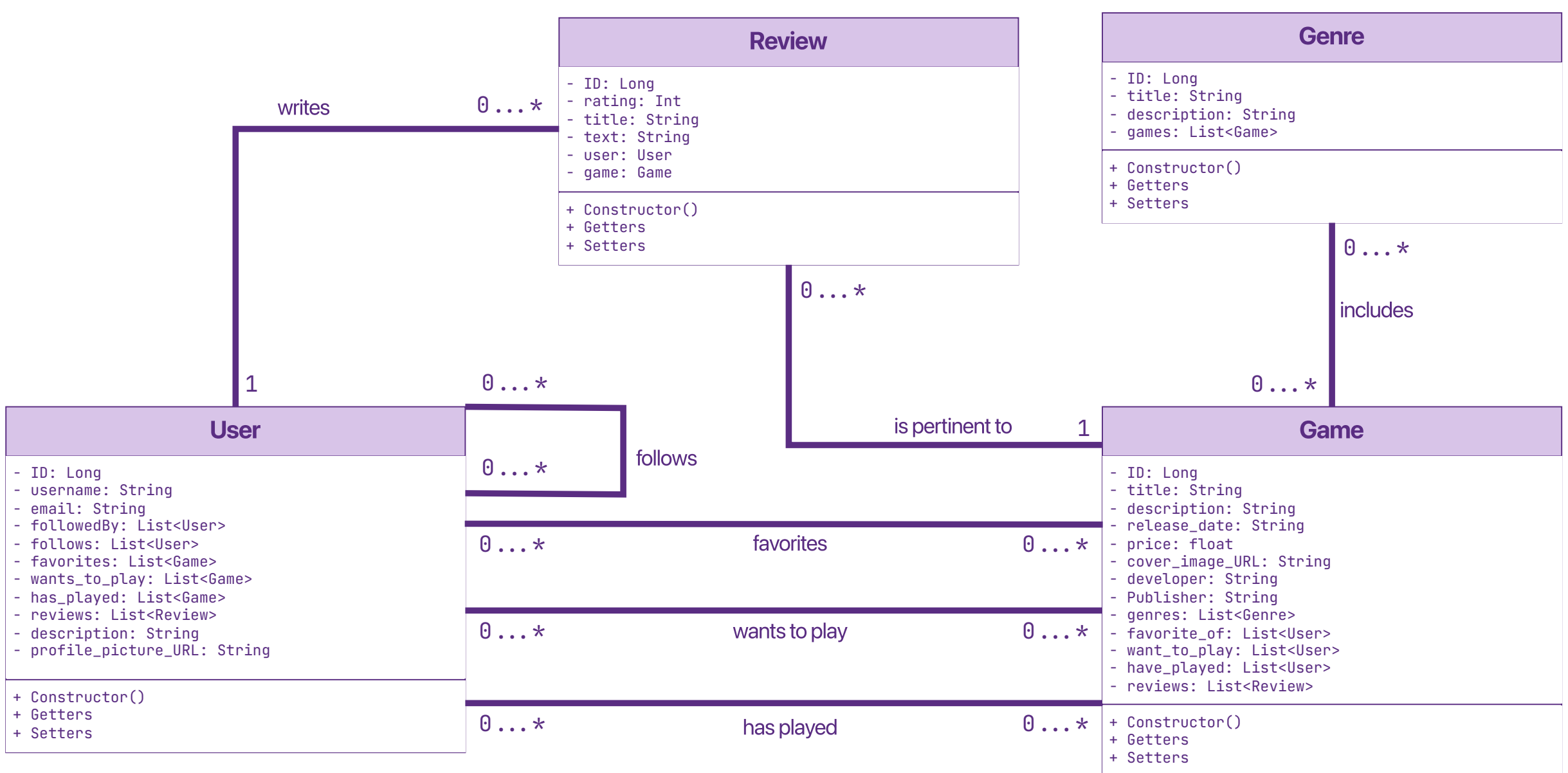
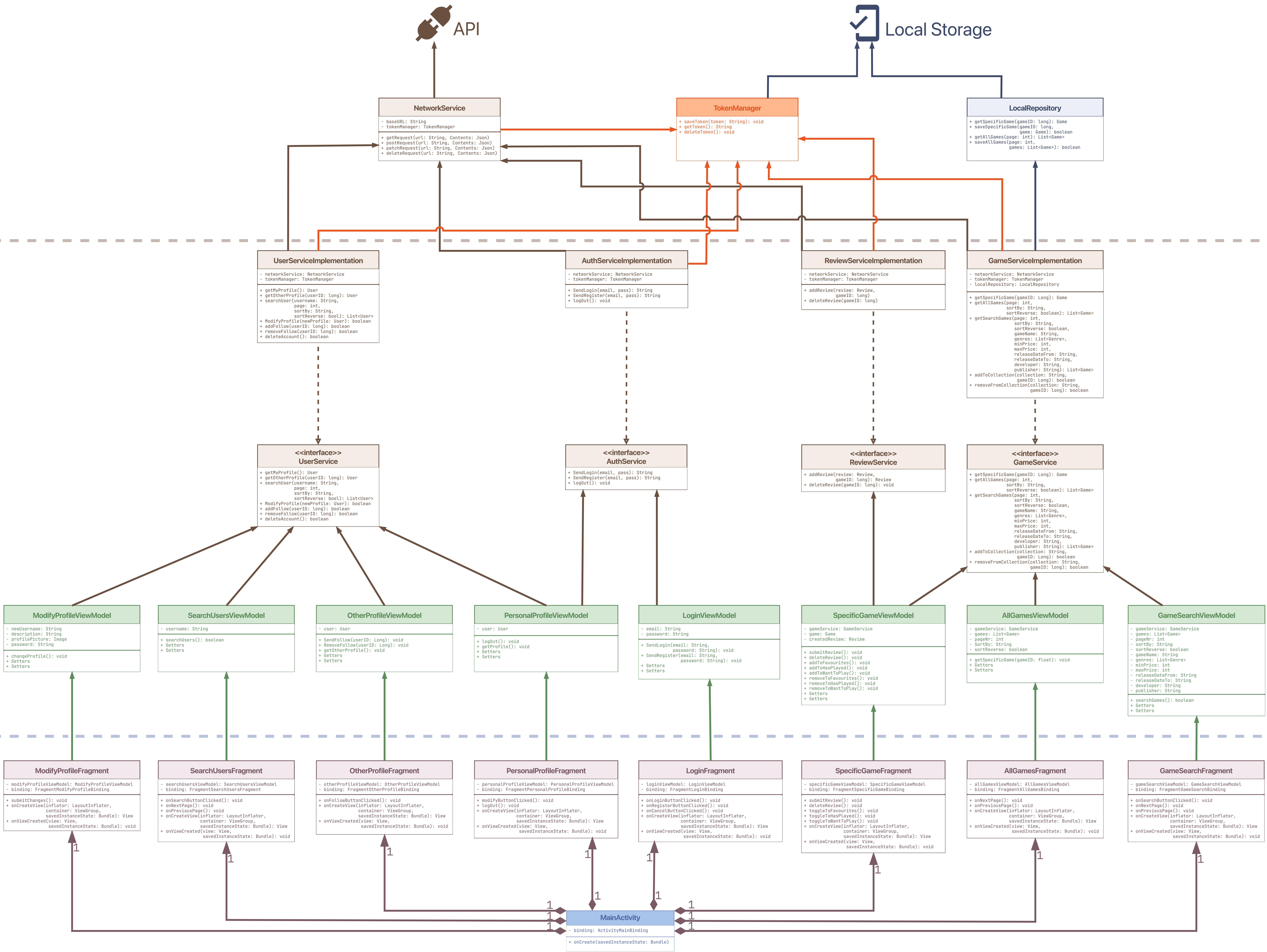
# Class Diagram

## Networking

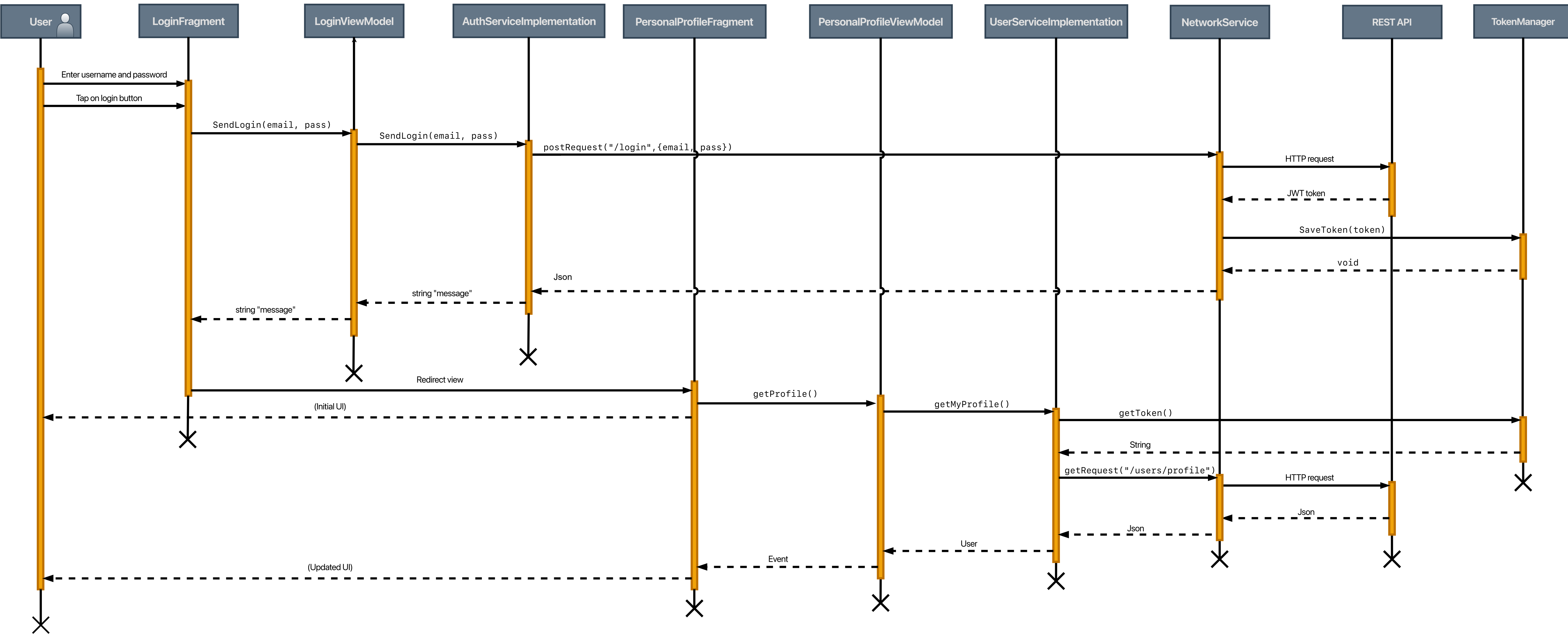
## Service

## Controller

## Model



# Sequence Diagram



<div>OtherProfileFragment</div> <div>             - otherProfileViewModel: OtherProfileViewModel              - usernameText: Text              - backButton: Button              - favouretGames: RecyclerView              - wantsToPlay: RecyclerView              - hasPlayed: RecyclerView              - reviews: RecyclerView              - description: TextArea              - profilePicture: ImageView              - followerCount: Text              - followingCount: Text              - followButton: Button           </div> <div>             + onBackButtonClicked(): void              + onFollowButtonClicked(): void           </div>	<div>LoginFragment</div> <div>             - loginViewModel: LoginViewModel              - loginButton: Button              - registerButton: Button              - emailTextField: TextField              - passwordTextField: TextField              - cancelButton: Button           </div> <div>             + onLoginButtonClicked(): void              + onRegisterButtonClicked(): void              + onCancelButtonClivked(): void           </div>	<div>SpecificGameFragment</div> <div>             - specificGameViewModel: SpecificGameViewModel              - title: TextView              - description: TextArea              - releaseDate: Text              - price: Text              - coverImage: ImageView              - developer: Text              - publisher: Text              - avgRating: Text              - genres: ListView              - reviews: TextArea              - favouriteAmount: Text              - wantToPlayAmount: Text              - hasPlayedAmount: Text              - favouriteButton: Button              - wantToPlayButton: Button              - hasPlayedButton: Button              - createReviewTitle: TextField              - createReviewText: TextArea              - createReviewRating: TextField              - createReviewSubmit: Button              - deleteReview: Button              - backButton: Button           </div> <div>             + submitReview(): void              + deleteReview(): void              + toggleToFavourites(): void              + toggleToHasPlayed(): void              + toggleToWantToPlay(): void              + backButtonPressed(): void           </div>	<div>AllGamesFragment</div> <div>             - allGamesViewModel: AllGamesViewModel              - prevPage: Button              - nextPage: Button              - fetchedPage: List&lt;Game&gt;              - sortBy: TextField              - sortReverse: Checkbox           </div> <div>             + onNextPage(): void              + onPreviousPage(): void           </div>	<div>GameSearchFragment</div> <div>             - gameSearchViewModel: GameSearchViewModel              - gameName: TextField              - genres: List&lt;CheckBox&gt;              - minPrice: TextField              - maxPrice: TextField              - releaseDateFrom: TextField              - releaseDateTo: TextField              - developer: TextField              - publisher: TextField              - prevPage: Button              - nextPage: Button              - searchButton: Button              - searchResults: List&lt;Game&gt;           </div> <div>             + onSearchButtonClicked(): void              + onNextPage(): void              + onPreviousPage(): void           </div>
	<div>PersonalProfileFragment</div> <div>             - personalProfileViewModel: PersonalProfileViewModel              - usernameText: Text              - emailText: Text              - backButton: Button              - favouretGames: RecyclerView              - wantsToPlay: RecyclerView              - hasPlayed: RecyclerView              - reviews: RecyclerView              - description: TextArea              - profilePicture: ImageView              - followerCount: Text              - followingCount: Text              - modifyButton: Button           </div> <div>             + onBackButtonClicked(): void              + modifyButtonClicked(): void           </div>		<div>SearchUsersFragment</div> <div>             - searchUsersViewModel: SearchUsersViewModel              - usernameText: TextField              - searchButton: Button              - prevPageButton: Button              - searchResults: RecyclerView              - backButton: Button           </div> <div>             + onSearchButtonClicked(): void              + onNextPage(): void              + onPreviousPage(): void              + onBackButtonClicked: void           </div>	
				<div>ModifyProfileFragment</div> <div>             - modifyProfileViewModel: ModifyProfileViewModel              - username: TextField              - description: TextArea              - profilePicture: Button              - password: TextField              - submitButton: Button              - backButton: Button           </div> <div>             + submitChanges(): void              + onBackButtonClicked: void           </div>