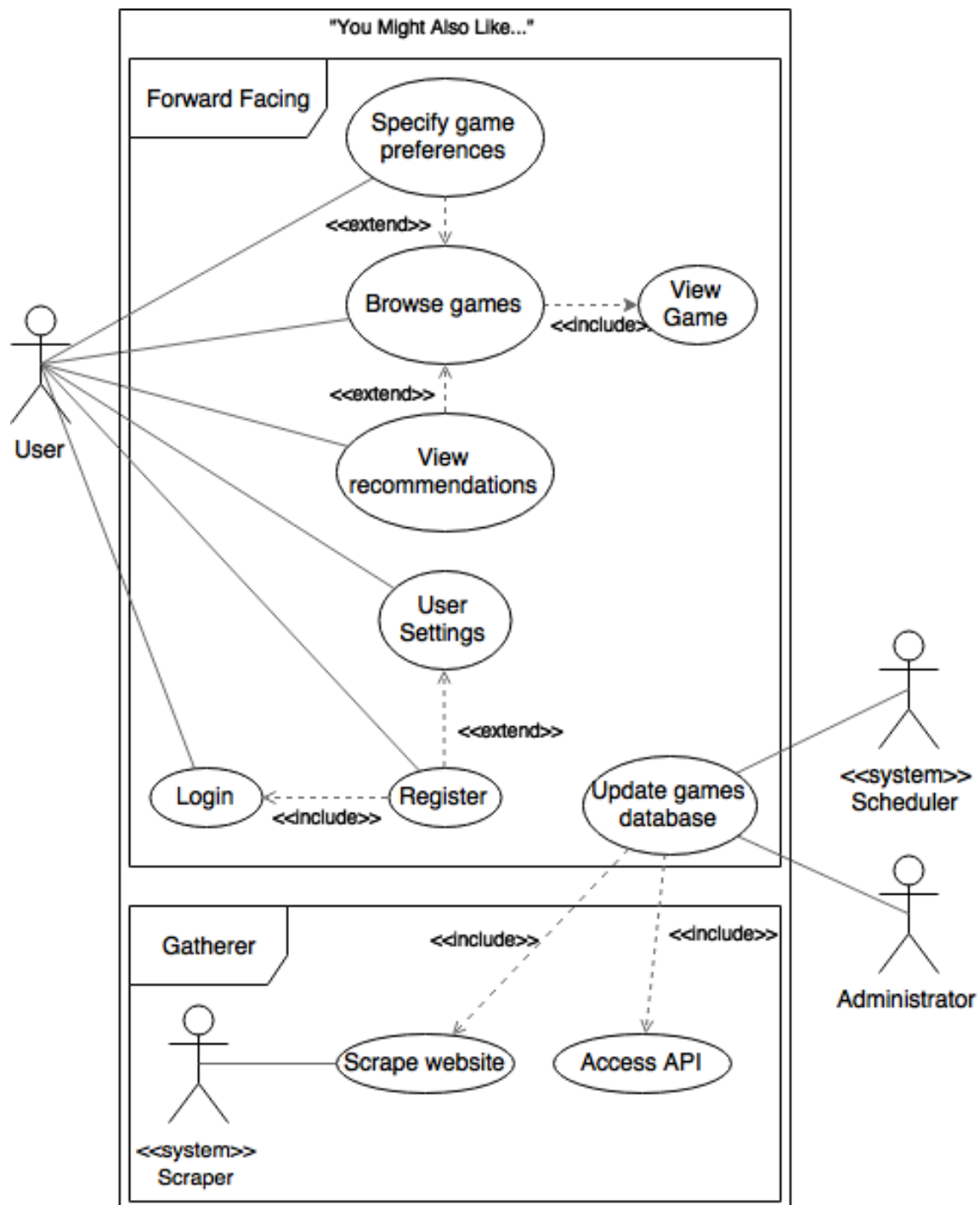


Requirement Model

“You Might Also Like...”

Use-Case Model



Use-Case Descriptions

1.1. View Recommendations

When authenticated User

Wants to view the current list of games recommended for them they visit the home page or “recommended” page

So that the User can view all games recommended by the system based on their preferences

Extends use-case 1.3. (Browse Games)

1.2. Specify Game Preferences

When authenticated User

Wants to specify their game preferences they visit the “browse” page and select and rate games they enjoy or are interested in

So that the system has knowledge of what kinds of games the User is interested in

Extends use-case 1.3. (Browse Games)

1.3. Browse Games

When User

Wants to view the games within the system they visit the “browse” page

So that they can see the variety of games that are registered with the system

Includes use-case 1.4. (View Game)

1.4. View Game

When User

Wants to view a singular game they visit the “view” page

So that they can view a single game with more detail than is given on the browse page

1.5. Register

When User

Wants to register an account for the service they click register, and fill out the requested information

So that the User is granted an account and the system has the required information about them

Extends use-case 1.6. (User Settings)

Includes use-case 1.7. (Login)

1.6. User Settings

When authenticated User

Wants to update their settings/account information they visit the settings page and alter any information/settings they wish

So that the User's settings/info is updated and the system reflects this

1.7. Login

When User

Wants to login to the system they click login and enter their account details

So that the User is authenticated and can perform actions that require authentication

2.1. Update Games Database

When the Scheduler

Triggers based on settings it begins the process of updating the games database

OR

When an Administrator

Wants to manually trigger the process of updating the games database they visit the administrator page and trigger the update

So that the system will begin launching scrapers and accessing APIs to grab game lists from external sources

Includes use-cases 2.2. and 2.3. (Scrape Website and Access API)

2.2. Scrape Website

When the System

Launches the Scraper the Scraper searches the entirety of the website for relevant data (game info)

So that the system's database can be updated despite the target data not having a public API

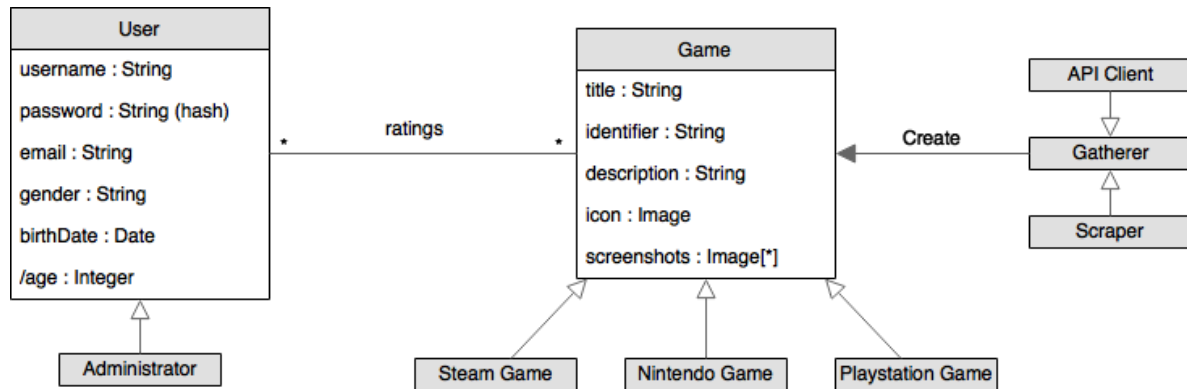
2.3. Access API

When the System

Wants to update its database using a service that provides a public API they run a series of API calls

So that the system's database can be updated with the new data

Domain Model



Non-Functional Requirements

Can be found in the separate NFR list on version control