

Version History:

Version	Date	Author(s)	Comments
1.0	14th March 2019	Abdul Rehman, Shashank S Shetty	Initial Architecture for Admin Portal

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Introduction

- 1. Purpose:
To create a moderator tool, where moderators and administrators can monitor the content created on the HCA Inspire app.
- 2. Product Overview:
An admin portal, where administrators & moderators can monitor posts and their users. This will allow them to decide whether to keep or discard a post that's been flagged as inappropriate by some users. The users can choose to generate reports based on the action, reason type, dates (or) request the data for a specific person. This application can also be used for searching a particular user and see the list of posts added by that user. In addition to this, administrators can add or remove a user from the system and also modify role of a user.
- 3. Browser Compatibility:
 - 1. Chrome + 4 prior versions
 - 2. Firefox current version + 4 prior versions
 - 3. Safari current version + 2 prior versions
 - 4. IE11 and above
- 4. Key Contributors:

#	Author	Role
1	Abdul Rehman	Software Engineer
2	Shashank S Shetty	Associate Software Engineer

Product Functionalities

Moderator Functionalities:

- Onboarding (Sign In / Sign Out)
- View Task List
- Perform Action: Keep/Discard posts
- Generate Reports
- Search Users

Admin User Functionalities:

- Onboarding (Sign In / Sign Out)
- View Task List
- Perform action: Keep/Discard posts
- Generate Reports
- Search Users
- Remove Users
- Update Users' Roles

Technology Stack

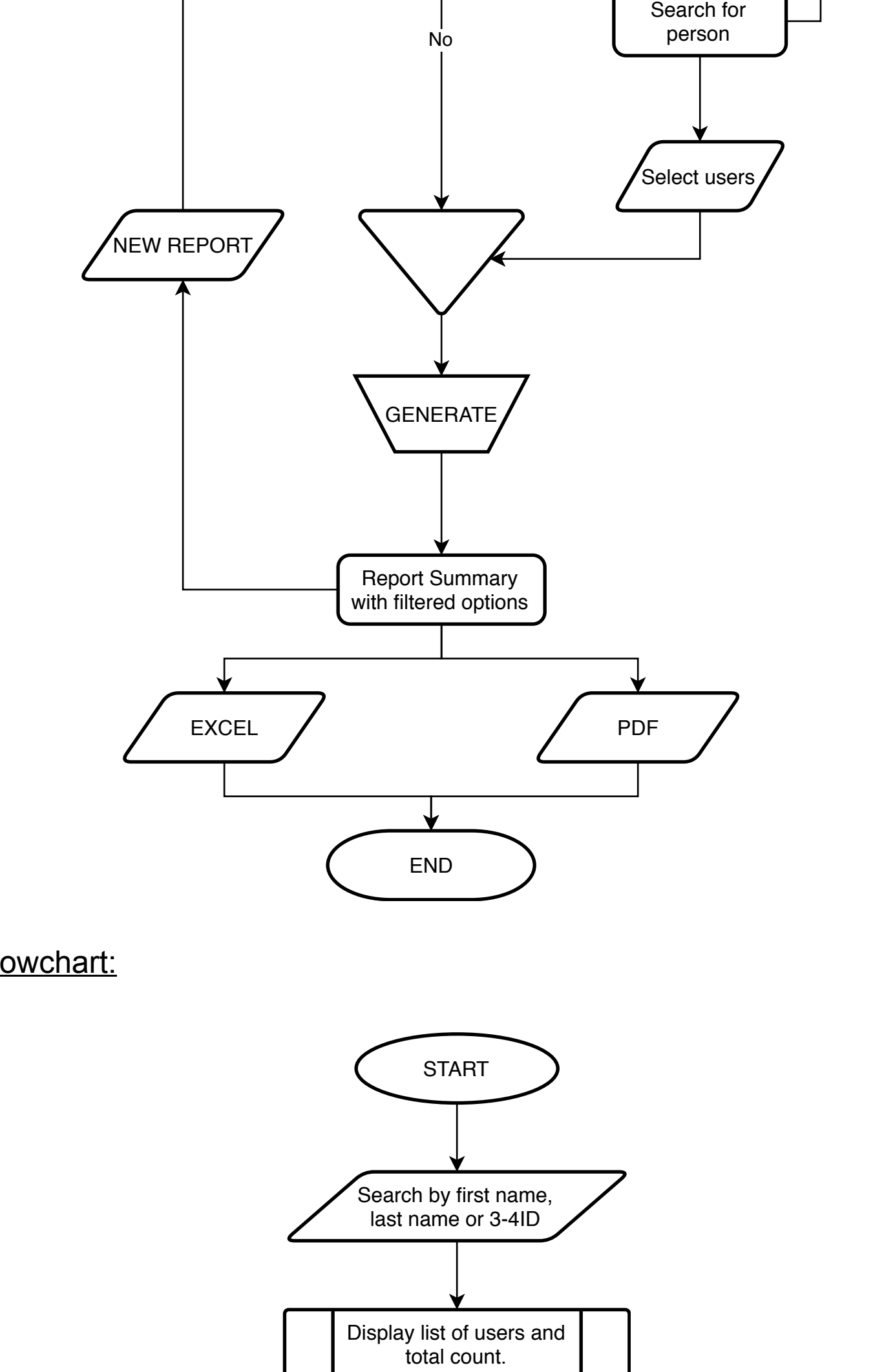
- [React](#) - JS library for building user interfaces in a Single Page Application(SPA).
- [React Router](#) - library for mimicking navigation in SPA.
- [Redux](#) - State management library for storing and manipulating data.
- [Redux Saga](#) - Asynchronous API call event manager.
- [Docker](#) - run software packages called containers.
- [Story Book](#) - User interface development environment and playground for UI components.
- [SCSS](#) - CSS preprocessor.
- [Jest](#) - Unit Testing library.
- [Istanbul](#) - Unit test coverage reporter.

Module List

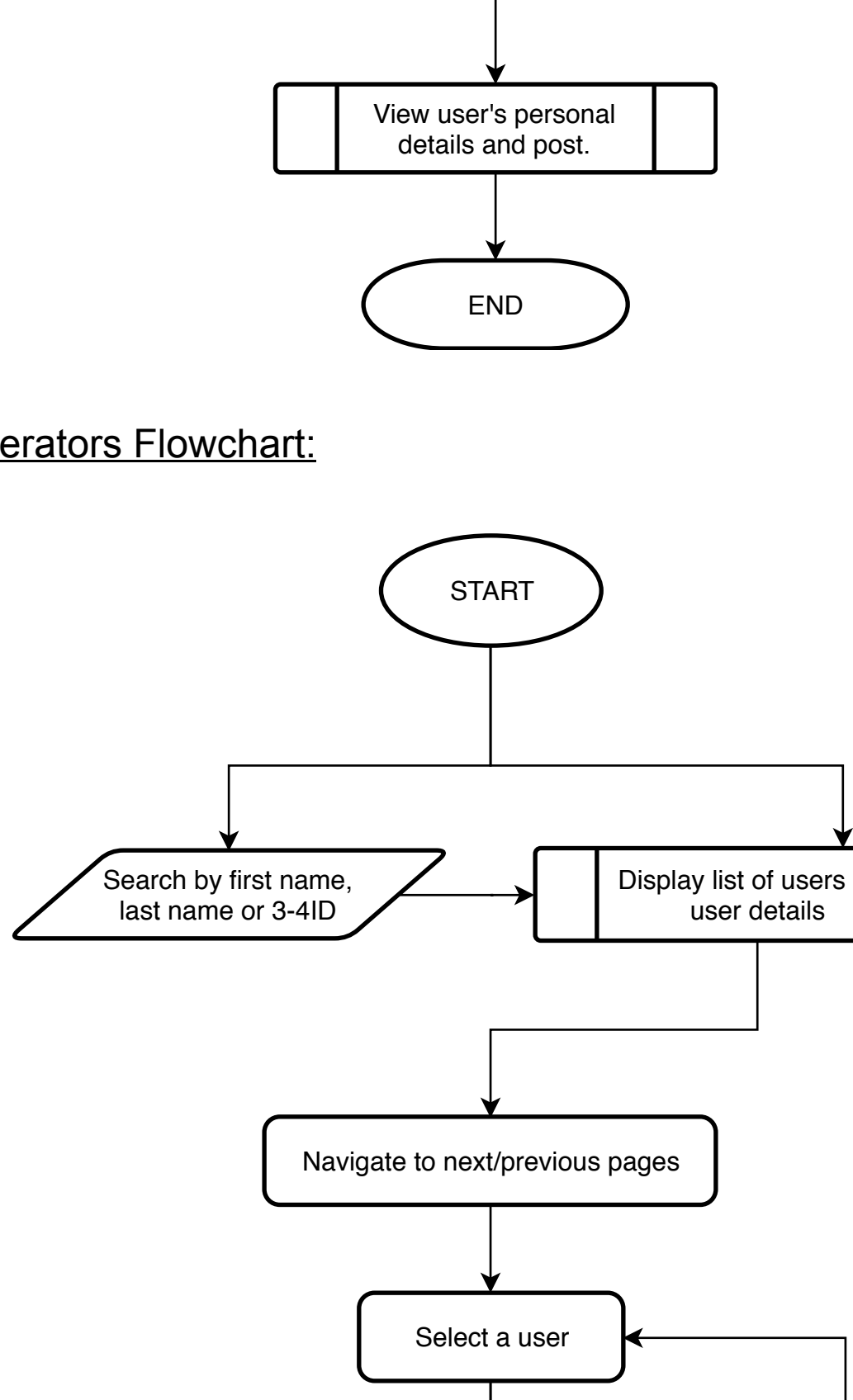
- Task List
- User Auth
- Export Reports
- User Search
- User Management
- User Profiles

Modular Design

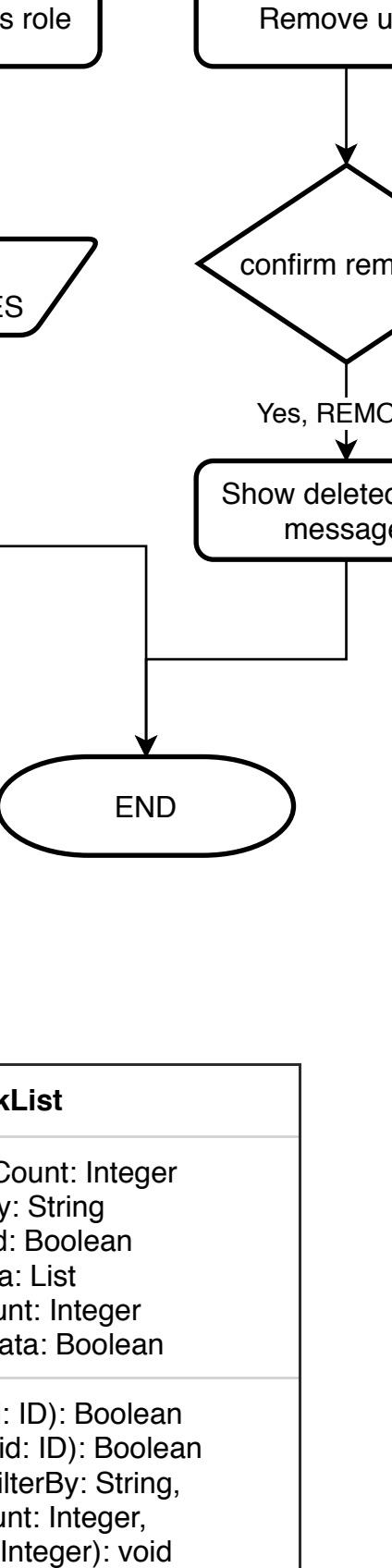
Tasklist Flowchart:



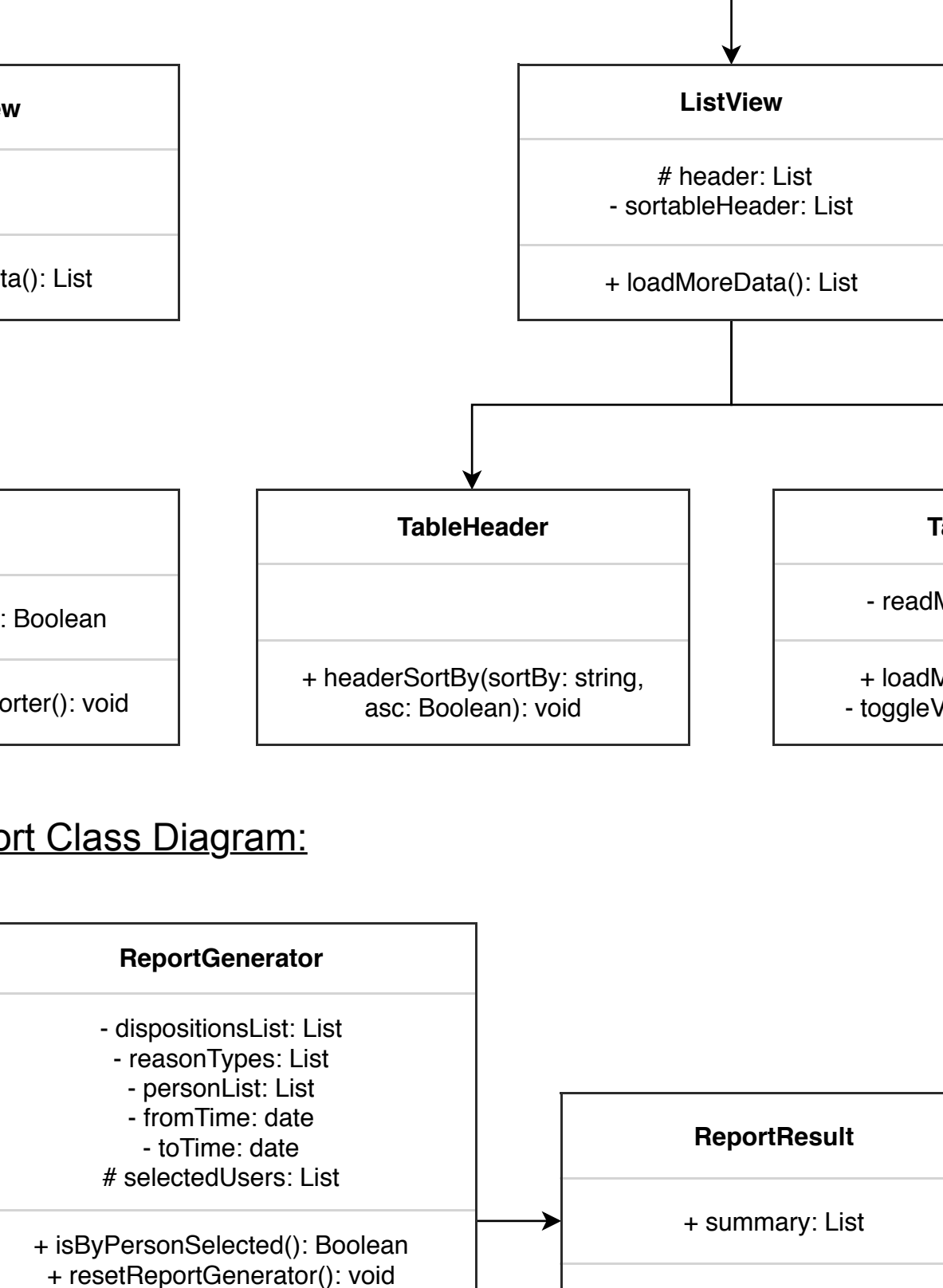
Report Generation Flowchart:



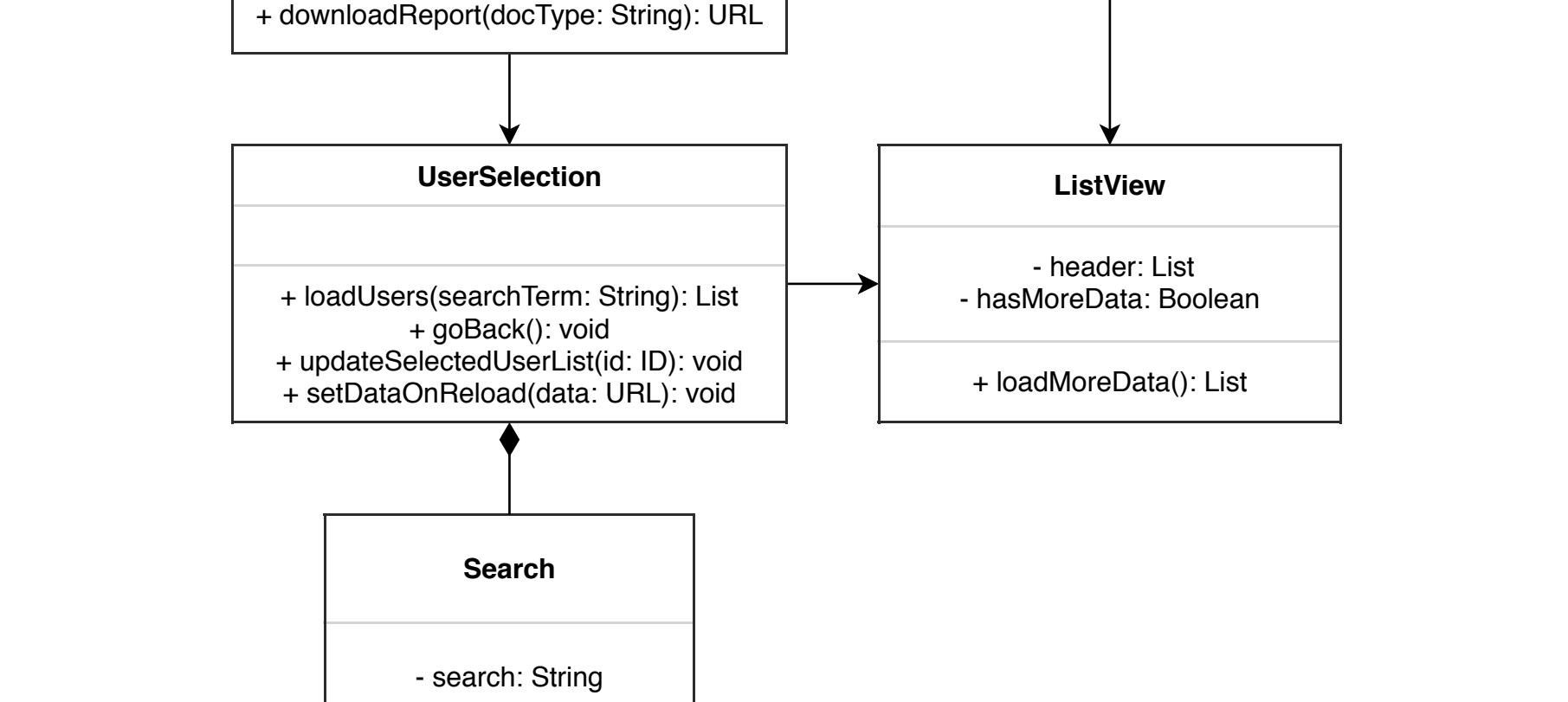
Search Flowchart:



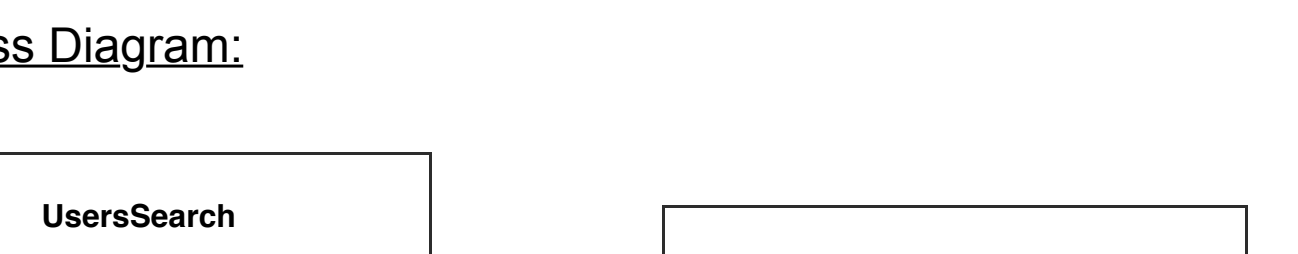
Admins & Moderators Flowchart:



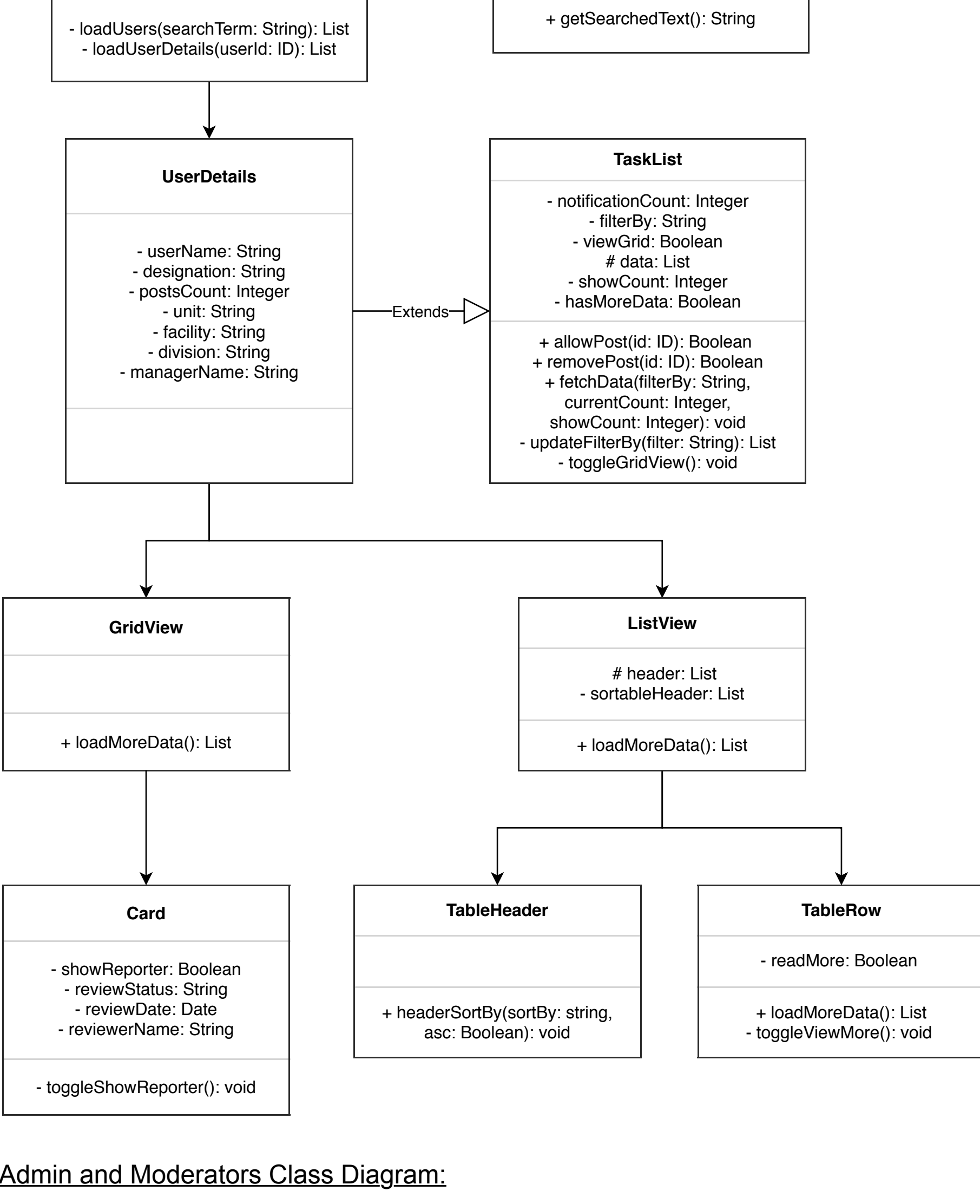
TaskList Class Diagram:



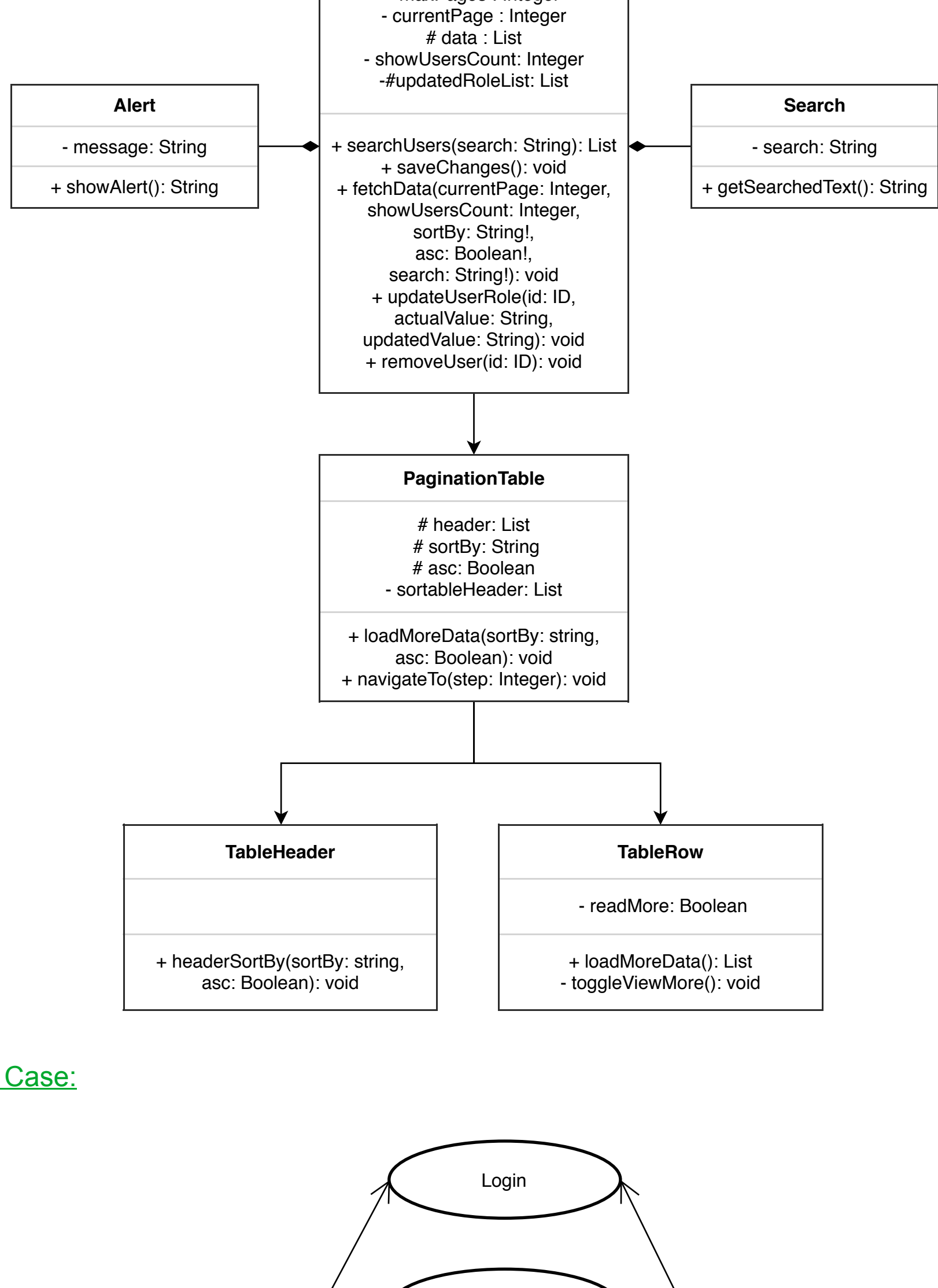
Generate Report Class Diagram:



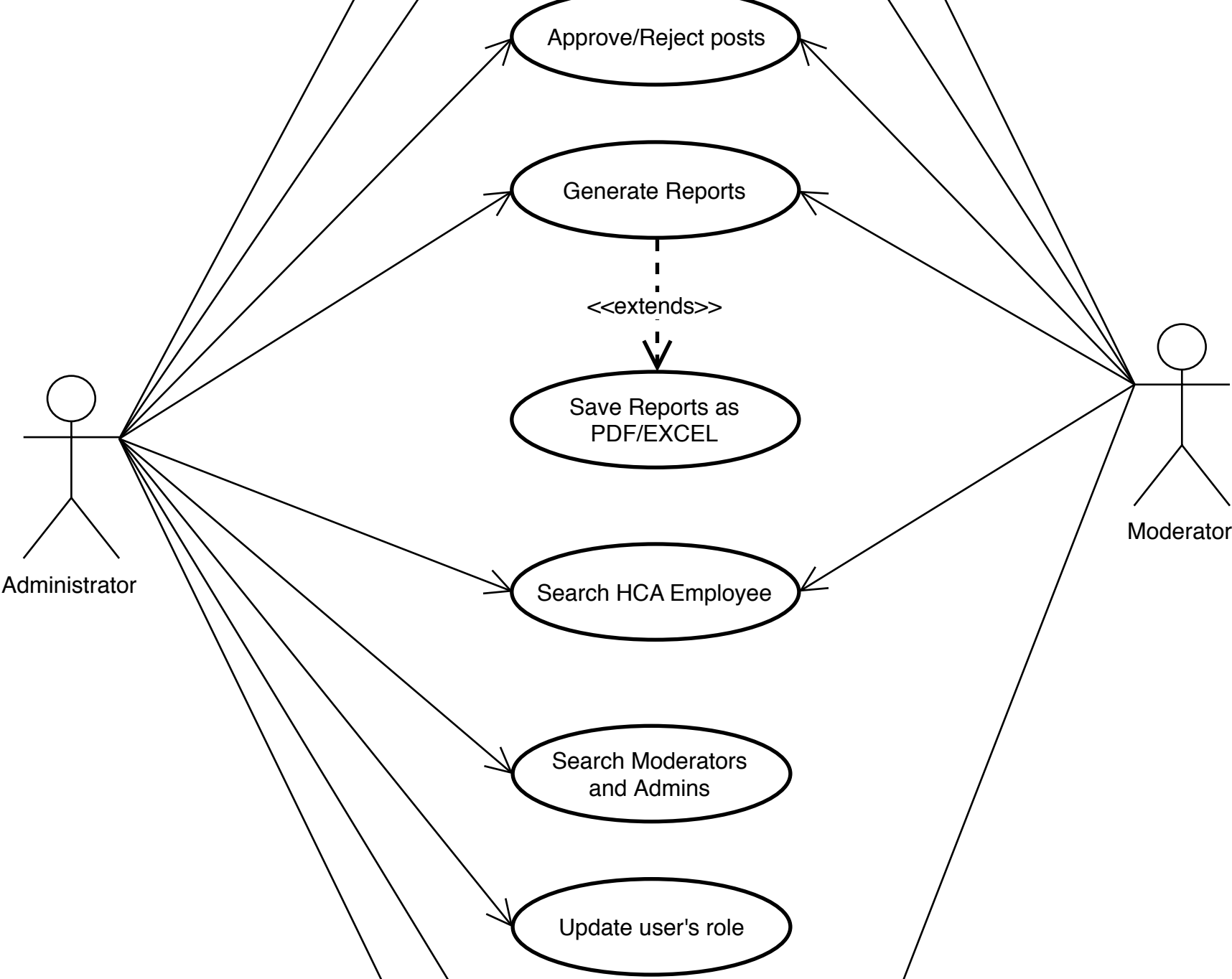
Search Class Diagram:



Admin and Moderators Class Diagram:



Use Case:



Apply Standards and Best Practices

- [Airbnb Style Guide](#) for best coding practices.
- [ESLint](#) and [Prettier](#) for Linting.