CSE3063 Object Oriented Software Design / Java Project 1st Iteration Requirement Analysis

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1. About the Project

This project focuses on textual data labeling which is the process of identifying textual data. Project's main goal is to display a platform that clients can label and see the given labels, in our case these labels are genres, on movie subjects. The dataset was taken from 'Kaggle.com'.Labels that will be used are listed below;

- Comedy
- Sci-Fi
- Horror
- Romance
- Action
- Drama
- Mystery
- Crime
- Animation
- Adventure
- Fantasy
- Comedy-Romance
- Action-Comedy
- Superhero

Although dataset involves movies and genres, the main aim of this project is to be strictly in object oriented manner so that any given dataset (with the same input labels) will work on the project.

2. Requirements

2.1 Functional Requirements

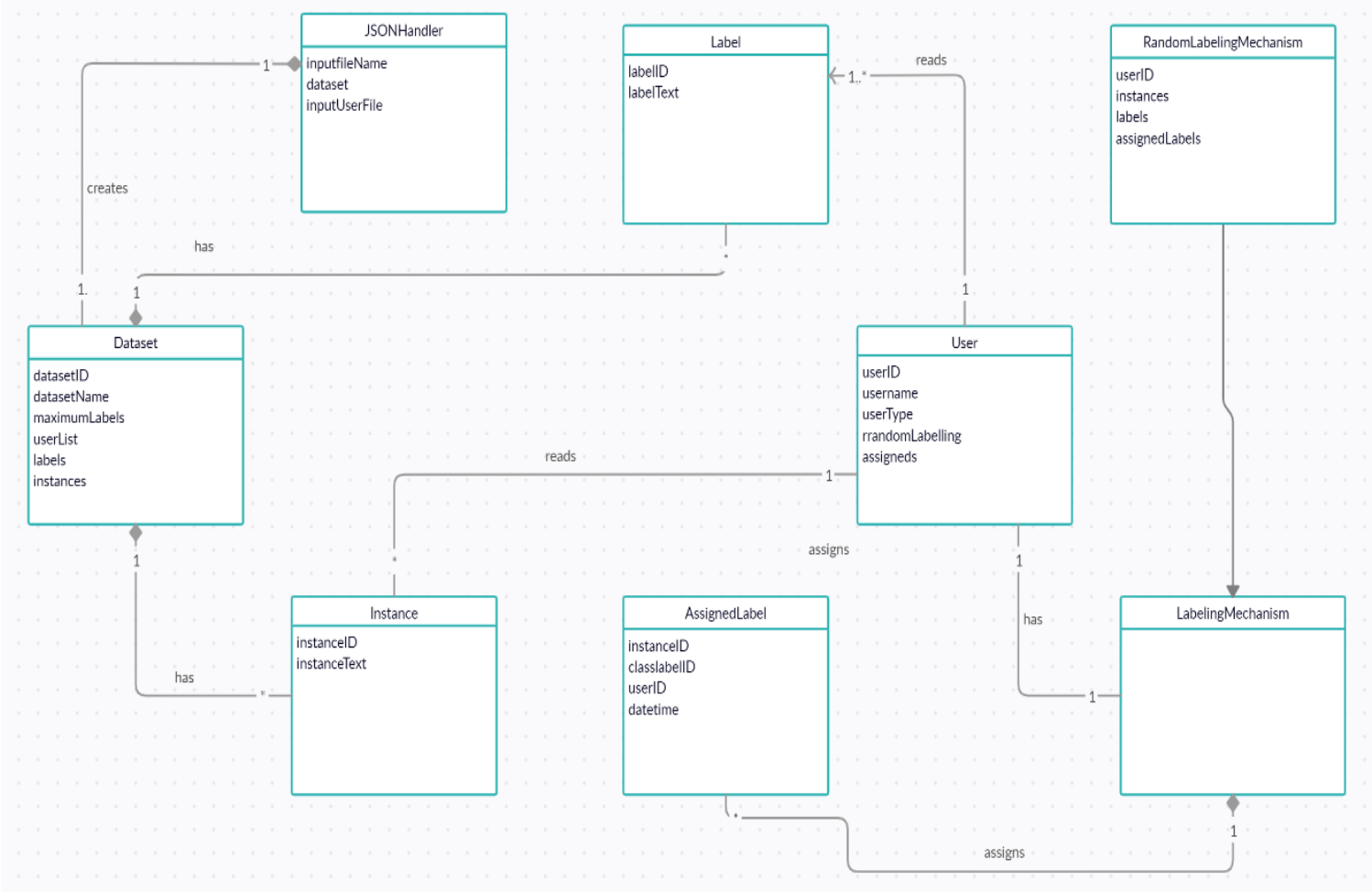
2.1.1 User authentication

- ❏ Priority(1-lowest/5-highest): 5
- ❏ Criticality: In order to use the systems the client must register first.

2.1.2 Labeling

- ❏ Priority: 5
- ❏ Criticality: This requirement is the main idea behind the project.

2.2 Non-functional Requirements

- ❏ This project will be a multi-user system.
- ❏ User authentication will be done by a username and a password.
- ❏ There will be several labeling mechanisms.
- ❏ Labeling will be done randomly in the first phase, which will assign genres randomly to the text.
- ❏ Every text can be labeled by various users.
- ❏ Every text can have more than one label.

3. Domain Model