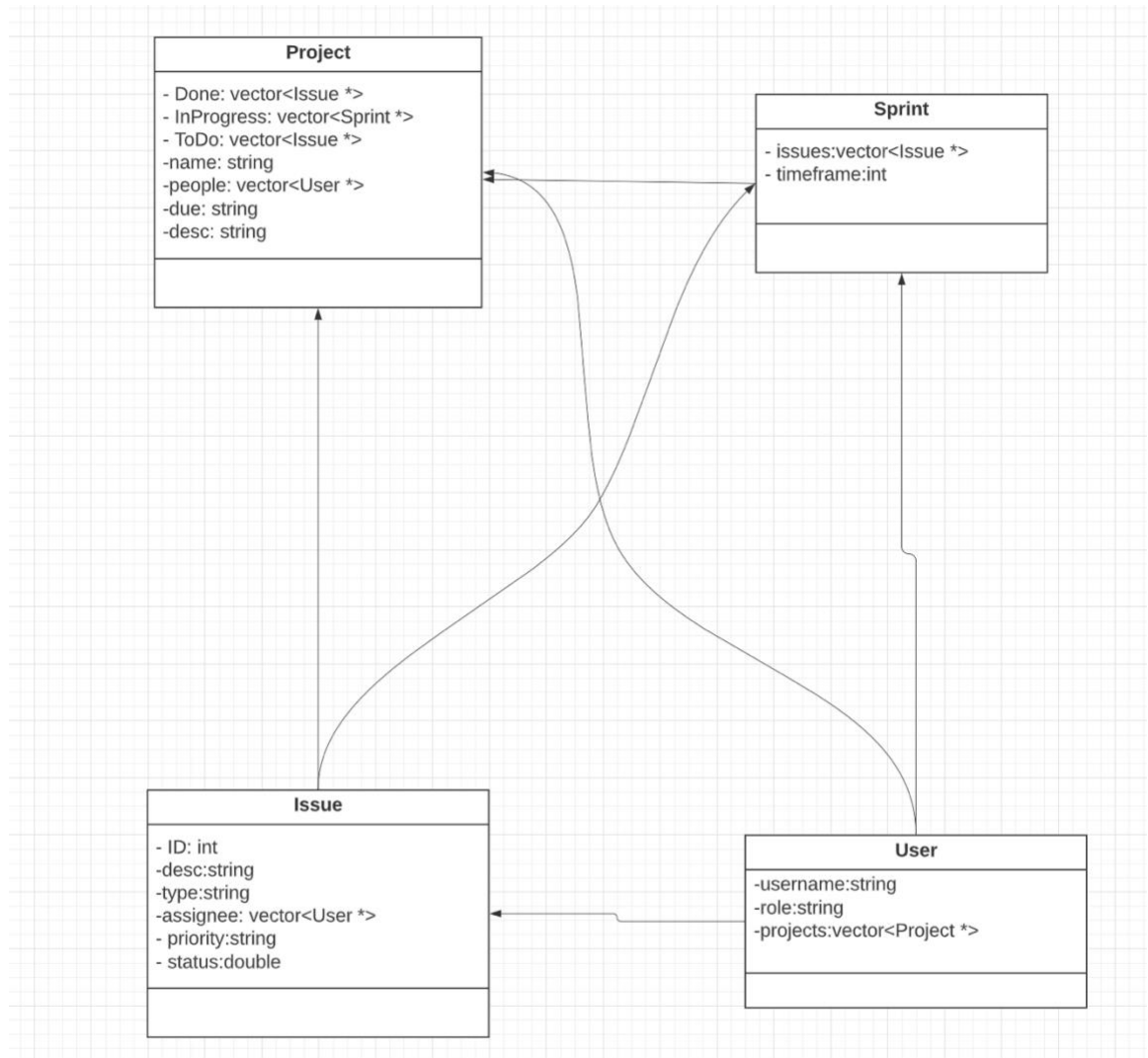


CS 3520 Project Report  
Nicholas Gjuraj and Dachuan Zhang

1. Project Objective:

The system is used by project managers and other members of the team to keep track of the individual milestones, tasks (called issues) within the project. All users' product owner, team leads and developers can access projects they are part of and can view/create/update issues base on their role. The project owner is able to initialize a project, invite/assign members to collaborate (leads and developers), create milestones, assign issues to members, create sprints etc.

2. System Design (UML Diagram)



### 3. Responsibility Description (CRC Cards)

Class: Issue	
Responsibilities	Collaborators
Record the relevant details about a specific issue.	
In-progress issues are put into different sprints of two weeks	Sprint

Class: Project	
Responsibilities	Collaborators
Categorize issues in three categories: done, todo, and in-progress	Sprint
Stores information about a project	

Class: User	
Responsibilities	Collaborators
Stores a unique username and the role of a user	
stores the projects a user has	Project

Class: Sprint	
Responsibilities	Collaborators
Stores the issues and their respective timeframe	Issue

#### 4. Valgrind check result

```

Exiting...
==107667==
==107667== HEAP SUMMARY:
==107667==      in use at exit: 0 bytes in 0 blocks
==107667==    total heap usage: 77 allocs, 77 frees, 2,377 bytes allocated
==107667==
==107667== All heap blocks were freed -- no leaks are possible
==107667==
==107667== For lists of detected and suppressed errors, rerun with: -s
==107667== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
-bash-4.2$ █

```