

**Title** – TaskHub

**Team Members** – Lucy Wilkinson, Brandon Spittler, Justin Alvey, Sean O’Neal

**Description** – A social media-type system for work that allows managers to send task requests to employees. Keeps track of employee performance based on task history.

**Vision Statement** – A centralized system that comprehensively tracks employee performance through task completion history

**Motivation** – To track employee performance for companies with a large number of employees and optimizing task-tracking in the workplace.

### Risks

- Haven’t worked together before
  - Mitigation – get to know the other team members! Work out details about how each member works.
- Lack of experience with SQL
  - Mitigation – study documentation, take notes when covered in class
- Short time frame
  - Mitigation – set strict dates for when tasks should be completed. Communicate regularly through stand-up meetings at end of class sessions.

**VCS** – Github (<https://github.com/lucywilkinson/3308-project/>)

### Requirements

User Requirements			
ID	Description	Size	Priority
USER-01	As a manager, I want to be able to assign tasks to one or more of my employees so I can ensure the right people are working on them	2	High
USER-02	As an employee, I want to keep track of when my assigned tasks are due so I can ensure I complete them on time. The task list should be organized by due date	3	Medium
USER-03	As a manager, I want to assign my employees grades for completed tasks so they can know how they are performing	1	High
USER-04	As a manager, I want to keep track of the in-progress tasks I have assigned to my employees, so I can	3	Medium

	know what still needs to be completed		
USER-05	As an employee, I want to be able to update task status & progress so my manager can know when I complete something	1	High
USER-06	As an employee, I want to enter an employment key so I can begin to receive tasks from my manager	1	High

Functional Requirements			
ID	Description	Size	Priority
FUNC-01	New user should be able to sign up by clicking the "Sign Up" link on the homepage	3	High
FUNC-02	Users should be able to recover their password by clicking on a "Forgot Password" link on the Login page	7	Low
FUNC-03	Managers should be able to send tasks to specific employees by clicking the "Send Task" button on their employee page	2	High
FUNC-04	Registered users should be able to sign in using their username and password <ol style="list-style-type: none"> <li>1. If the credentials are not correct, "Login Error" will display shall be prompted</li> <li>2. Upon successful login, the user will be redirected to their dashboard page</li> </ol>	3	High
FUNC-05	Managers should be able to send tasks to a group/team by clicking "Send Task to Team" on the Team Page	3	Low
FUNC-06	Employers should be able to generate employment keys to distribute to employees.	1	High

Non-Functional Requirements			
ID	Description	Size	Priority
NONF-01	Platform constraints - the login functionality should behave the same way in different browsers	5	High
NONF-02	Portability - the system should be portable enough for various devices including laptops, desktops, and	3	Medium

	tablets		
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## Methodology – Agile

**Project Tracking – Trello** (<https://trello.com/b/RvlwbWtg/csci-3308-project>)

## Project Plan –

The screenshot shows a Trello board for the 'CSCI 3308 Project'. The board is organized into three columns: 'to do', 'In progress', and 'Done'. The 'to do' column contains a list of tasks, including creating user and task classes, and various functions for users and non-functional requirements. The 'In progress' column is currently empty. The 'Done' column contains one card, 'Project part 1'.

to do	In progress	Done
create user class		Project part 1
create task class		
create USER-1 function		
create USER-2 function		
create USER-3 function		
create FUNC-01 function		
create FUNC-02 function		
Create NONF-01 function		
Create NONF-02 function		
create USER-5 function		
create USER-6 function		
create FUNC-05 function		