| escription     |              |                |            |                |  |
|----------------|--------------|----------------|------------|----------------|--|
| ubric Detail   |              |                |            |                |  |
|                | Levels of Ac | hievement      |            |                |  |
|                |              | New            |            | New            |  |
| Criteria       | Novice       | Column4        | Competent  | Column5        | Proficient   |
| Submission     | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points Submission is via a GitHub repository. You must add your tutor to the repository (if private). Documentation should also be in the repository as a README.md file using Markdown. |
| GitHub         | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points GitHub history shows frequent commits during the development of the software with appropriate messages. GitHub layout should be logical and clean.                                |
| Website Design | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points Website looks professional  |

|               | Levels of Ac | hievement      |            |                |  |
|---------------|--------------|----------------|------------|----------------|--|
| Criteria      | Novice       | New<br>Column4 | Competent  | New<br>Column5 | Proficient   |
| User Login    | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points In assignment phase 1 there is no user authentication. However the system must check that the user exists and remembers them while they are logged in. Logging out user no longer provides access for user. |
| Local Storage | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points Local storage is used to remember the logged in username. Logging out should clear the username from local storage.   |

| Levels of Achievement |             |                |            |                |  |  |  |
|-----------------------|-------------|----------------|------------|----------------|--|--|--|
| Criteria              | Novice      | New<br>Column4 | Competent  | New<br>Column5 | Proficient   |  |  |
| User Administration   | 0<br>Points | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points  Super Admins and Group Admins have the ability to create new users by specifying the username and email address. Once created users can log in. A Super Admin can also remove a user. A user can not be created with a username that already |  |  |

|                      | Levels of Ach | nievement      |           |                |   |
|----------------------|---------------|----------------|-----------|----------------|---|
| Criteria             | Novice        | New<br>Column4 | Competent | New<br>Column5 | Proficient  |
| Group Administration | OPoints       | 0.5<br>Points  | 1 Points  | 1.5 Points     | 2 Points  Group Admins can create new groups and add existing users to groups.  Channels can also be added to a group.  Users can not see the channels within a group without also being explicitly added to a channel.  Groups can be removed and users can be removed from groups and channels. A Group Admin can also allow a user to become a Group Assis of the group. A Group Assis of a group can create channels within the group. A Group Assis of a group can add or remove users from channels within the group. |

|                                       | Levels of Ac | hievement      |            |                |  |
|---------------------------------------|--------------|----------------|------------|----------------|--|
| Criteria                              | Novice       | New<br>Column4 | Competent  | New<br>Column5 | Proficient   |
| JSON<br>Serialisation                 | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 2 Points  Data is converted to JSON and stored in a text file regularly (preferably after every change to the data). Data is loaded from the JSON file when the server starts. |
| Documentation<br>- Git                | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points  Describe the layout of your git repository and the approach you took for version control.  |
| Documentation<br>- Data<br>Structures | 0<br>Points  | 0.25<br>Points | 0.5 Points | 0.75<br>Points | 1 Points  Describe the main data structures used in the program. For example, how the users and groups are represented.  |

| Criteria                                   | Novice                | New<br>Column4        | Competent             | New<br>Column5        | Proficient  |
|--|-----------------------|-----------------------|-----------------------|-----------------------|---|
| Documentation - REST API                   | 0<br>Points           | 0.5<br>Points         | 1 Points              | 1.5<br>Points         | 2 Points  The Angular front end should communicate with the Node.js server using a REST API. Describe each route provided, parameters, return values, and what it does. |
| Documentation<br>- Angular<br>Architecture | 0<br>Points           | 0.25<br>Points        | 0.5 Points            | 0.75<br>Points        | 1 Points  Describe your Angular architecture in terms of components, services, and models.  |
| Late<br>Submission                         | -4 Points 4 days late | -3 Points 3 days late | -2 Points 2 days late | -1 Points 1 days late | <b>0 Points</b> On time   |
| ew Associated<br>ems                       |                       |                       |                       |                       |   |
|  |                       |                       |                       | Prir                  | nt Close Window   |