**User Requirements and Specifications**

1. Login: Compare the userId with the database server of all the  teachers and TAs, then if it exist, allow to operate the assignments.

*Input*: UserId (TA or teacher)

*Output*: Login to the page

1. Download: User should be able to download the assignments (type: JSON i.e. get the JSON from the server and download that assignments).

*Input*: assignmentId, studentId, file(.pde, .java, .cpp, .html), dueDay, courseName, url, etc.(JSON from server)

*Output*: download the file

1. Compile: User should be able to compile the assignments (type: file).

*Input*: assignmentId, studentId, file(.pde, .java, .cpp, .html).

*Output***:** Compile the file

1. Display: After compilation display a pop up window to show the result.

*Input*: result of compilation

*Output*: display result

1. Comment: User should be able to comment on the assignment.

*Input*: assignmentId, studentId, file(.pde, .java, .cpp, .html), dueDay, courseName, url, etc.(JSON from server)

*Output*: comment