**Task List:**

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| No. | Feature Name | Technical requirements | User requirements | Description |
| 1. | Log in, sign up | Database, Spring, Registration widget |  | User will provide name, password, institution, gender, email, research interest (and blah blah). There will be email confirmation for each sign up (Git id is not necessary) |
| 2. | Git account sync | Git API, Database | Git username | By Oauth system will sync user account with users git account |
| 3. | Canvas | Angular js, HTML 5, Database | Any registered user can use this | All user in group will have invitation right, canvas is invitation only, one user can watch one canvas at a time (Image optional) |
| 4. | Project Management | Git API, Database, Spring | Supervisee and supervisor must have a git account and have to be a registered user | Supervisor can access the supervisee’s project and he will get an insight of project |
| 5. | Code Sharing | Angular js, HTML5, Highlight.js (code Beautifier), Database | Registered user | Works like canvas except the code environment (optional code compilation and run facility) |
| 6. | Forum | Database, Front End | Registered user | System will have some tags, Question, Answer, Real time Question Board, Notification, Upvote, Downvote |
| 7. | Messaging System | Angular js, Database | Registered user | User can block someone, system will preserve user chatting history |
| 8. | Search | Database | Registered user | User can search anyone in the system will have prompt based on input (Optional intelligent search) |
| 9. | Rating | Database | Registered user | User will get rating from Canvas and will get extra benefit |
| 10. | Couse page | Database, Front end | Registered user | User can create course and he can upload video in that course page, other user subscribing in that course can watch these videos. |
| 11. | Course Management | Git API, Database, Front End, | Registered user | User can create course other users can subscribe into that course (user creating that course have to approve that) for subscription git user name, git repository may be required, creator will have access into those repository (repository can be for a student or for a group of student) |
| 12. | Report | Git API, Front end, plotly.js, Database | Registered user (creator of a course) | User can have a report of students (of his course) on use of language, code by each user in project, commit frequency (and blah blah) |

**Load Distribution:**

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| No | Task List | Name |
| 01. | (3,5,8,10) | Mohammad Rafid Ul Islam(1305063) |
| 02. | (2,4,12,13) | Partha Chakraborty (1305117) |
| 03. | (1,6,7,9) | Abdullah Al Mamun(1305003) |