

## Software Configuration Management Plan (SCMP)

We will be using Git and GitHub as our main SCM system for the project. We will be dividing our repository in various folders giving each team member access to their respective folder depending on their role.

Link to our public GitHub repository: <https://github.com/AlaaBU23/Student-Event-Hub>

When managing the GitHub repository each member will have certain access to the folder depending on their role. This will avoid possible mistakes in the main branch, where the final project will be.

	Extra Documentation folder	Design concepts folder	Code Files folder	Previous / Restored versions folder	Database Folder
Alaa Haddadi(UX Developer)	Y	Y	N	Y	N
Yuan Ju (Back-end Developer)	Y	N	Y	Y	Y
Yilin Li (Back-end Developer)	Y	N	Y	Y	Y
Vanshita Moolchandani (Database Administrator)	Y	N	Y	Y	Y
Jaime Ruiz-Lopez Alvarado (Program manager/Full Stack Manager)	Y	Y	Y	Y	Y
Hui Zhi (Front-end Developer)	Y	Y	N	Y	N

**Configuration control: How will decisions and changes be monitored within our group?**

**Requesting changes:** When suggesting a possible change, any group member should present a clear and detailed proposal of what they want to add/change.

**Evaluation changes:** We should collectively examine the proposal thoroughly and engage in peer evaluations to assess whether the proposed changes are a suitable fit for the project.

**Approving or disapproving changes:** Once it garners approval from all group members, the ultimate decision will rest with individuals who hold similar roles, as they will be tasked with providing the final endorsement and, consequently, assuming responsibility for subsequent actions.

**Implementing changes:** Once approved, the changes will be executed by the requester and other team members with corresponding roles. They will collectively oversee both the development and ongoing maintenance of the feature.

All changes will be uploaded to GitHub by the Version Control Manager who will be in charge of monitoring changes in the main branch. He should backup any previous versions while also applying new changes and features.