

Risk management

Risk type	Possible risks
Technology	The database used in the system crashes. (1) The database used in the system cannot process as many transactions per second as expected. (2) GitHub, the project's host for software development and version control, crashes. (3) Data is lost from the group's Google Drive folder. (4) Team member's computer crashes. (5)
People	Team member gets long term sickness. (6) Team is heavily conflicted on a project-related issue. (7) Team member quits the course. (8)
Organization	Team members suffer from heavy workload in other courses. (9) Team member has no task to work on. (10)

Risk	Mitigation
The database used in the system crashes. (1)	Take backup of DB once every sprint.
The database used in the system cannot process as many transactions per second as expected. (2)	Balance load on DB as much as possible.
GitHub, the project's host for software development and version control, crashes. (3)	Push repo to GitLab once every sprint.
Data is lost from the group's Google Drive folder. (4)	Store data from Google Drive locally as well.
Team member's computer crashes. (5)	All important data is stored in the cloud. (GitHub, Google Drive)

Team member gets long term sickness. (6)	Other team members follow each others tasks and are up to date on the project's progress.
Team is heavily conflicted on a project-related issue. (7)	Have weekly meetings.
Team member quits the course. (8)	Other team members follow each others tasks and are up to date on the project's progress.
Team members suffer from heavy workload in other courses. (9)	Other team members follow each others tasks and are up to date on the project's progress.
Team member has no task to work on. (10)	Team member takes the initiative and addresses the issue to team.

Risk	Probability (1-5)	Effects
The database used in the system crashes. (1)	1	Catastrophic
GitHub, the project's host for software development and version control, is down. (3)	2	Serious
Data is lost from the group's Google Drive folder. (4)	1	Serious
Team member gets long term sickness. (6)	3	Serious
Team is heavily conflicted on a project-related issue. (7)	2	Serious
Team member quits the course. (8)	2	Serious
The database used in the system cannot process as many transactions per second as expected. (2)	4	Tolerable
Team member's computer crashes. (5)	1	Tolerable

Team members suffer from heavy workload in other courses. (9)	4	Tolerable
Team member has no task to work on. (10)	3	Tolerable