

Risk Management

| Risk name | Risk Description | Risk Probability of Occurrence | Risk Impact | Risk Factor | Risk Mitigation | Person in Charge of Tracking |
|---------------------------------|--|----------------------------------|-------------|--------------|---|------------------------------|
| Project time management | planning not precisely enough, too much time for one use case, not observing the remaining time | 3 (known risk) | 7 | 21 High | plan sprints in advance -> distribute epics/user stories roughly on the remaining sprints; include capacity of team members in planning; keep an eye on deadlines | Lucie |
| Internal team conflicts | team work is not going well, lack of respect, tensions between members, missing/bad communication | 2 (predictable but uncertain) | 9 | 18 High | retrospective; frequently meetings for agreements; team activities | Tom |
| Fundamental issues in code base | throughout the project realisation that you made architectural mistakes while implementing the code base | 2 (predictable but uncertain) | 9 | 18 High | code reviews; early and regularly refactoring; pair programming | Patrick |
| Underestimated complexity | tasks are more difficult than thought | 3 (known risk) | 4 | 12 High | research of frameworks and technology in use; risk premium on story points/time estimation; retrospective to learn from wrong estimation of complexity | Patrick |
| Loss/absence of a team member | illness, quitting studies (exmatriculation) | 1 (unpredictable) | 10 | 10 Medium | Don't drink and smoke! :D ; early communication if quitting studies | all |
| Work environment failure | memory size too small, operating system corrupts, memory loss, internet access problems | 1 (unpredictable) | 3 | 3 Low | regularly backups; working in the cloud; commit and push after work; virus protection | all |