risk management

Risk name	Risk Description	Risk Probability of Occurence	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	known risk	7	High (21/30)	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
Underestimated complexity	tasks are more difficult than thought	known risk	4	High (12/30)	research of frameworks and technology in use; risk premium on story points/time estimation; retrospective to learn from wrong estimation of complexity	Patrick
Internal team conflicts	team work is not going well, lack of respect, tensions between members, missing/bad communication	predictable but uncertain	9	High (18/30)	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	predictable but uncertain	9	High (18/30)	code reviews; early and regularly refactoring; pair programming	Patrick
Loss/absence of a team member	illness, quitting studies (exmatriculation)	unpredictable	10	Medium (10/30)	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	unpredictable	3	Low (3/30)	regularly backups; working in the cloud; commit and push after work; virus protection	all