

| Rank | Risk                          | Description  | Category  | Triggers  | Root Cause   |
|------|-------------------------------|--|-----------|---|--|
| 3    | Platform & Data Compatability | Data & results generated from different tasks may not work with the rest | Technical | Integration of different tasks  | Different tech stack of different tasks & team members |
| 2    | Inconsistent Results          | Model may not provide the same results given the same input everytime    | Technical | Generation of Knowledge Graph   | Inaccurate model & insufficient data                   |
| 5    | Physical Meetings             | Not being able to have meetings or perform tasks physically              | External  | Project discussions & tasks   | COVID-19 lockdown & strict movement policies           |
| 1    | Exceeding Project Timeline    | May not finish the project within the set date & submission              | Resources | Constant delay of tasks (waterfall effect)                            | Poor time management                                   |
| 5    | Budgetery Costs               | Spend more money than agreed upon or exceed provided budget              | Resources | Certain tasks may require money (API purchase) & may exhaust spending | Poor budget management                                 |
| 4    | Hardware failure              | Hardware failing to complete tasks                                       | Technical | start or complete given tasks   | Poor working conditions or code incompatibility        |

| Potential Response  | Response Strategy  | Risk Owner        | Probability | Impact   | Status | Score |
|---|--|-------------------|-------------|----------|--------|-------|
| Use language integration frameworks                       | Communication & Documentation  | Technical Lead    | High (3)    | Low (1)  | Open   | 3     |
| Increase scope & dataset                                  | Perform regular evaluations of knowledge graph   | Quality Assurance | Medium (2)  | High (3) | Open   | 6     |
| Remote work   | Constant communication (Zoom, Whatsapp, Slack)   | Project Manager   | High (3)    | Low (1)  | Open   | 3     |
| Have timely meetings & update assigned tasks constantly   | Use team management softwares (Trello, ProjectLibre, etc.) to keep track of project & team members' progress | Project Manager   | Medium (2)  | High (3) | Open   | 6     |
| Cut down on unnecessary spending or perform task in-house | -  | Project Manager   | Low (1)     | Low (1)  | Open   | 1     |
| Replace faulty hardware unit                              | Perform regular evaluations of hardware  | Quality Assurance | Low (1)     | High (3) | Open   | 3     |