

Dietaide Feasibility Study

Technical Feasibility

1. Users' and analysts' familiarity with the business area:
The team members have personal experience with receiving dietary advice from healthcare professionals, and through interviews with healthcare professionals, they have obtained good information about the domain. Still, no team member is an expert in the area.
2. Familiarity with technology:
The technical tools we are going to use:
 - Possible programming languages: C++/C, Python, Java
 - Database Management System: NoSQL systems such as MongoDB
 - Web languages such as HTML/CSS

All team members are familiar with C++/C, Python, and two members have experience with HTML/CSS, while one has experience with MongoDB. While the skill set is enough to build a working web-app, the team's expertise may not produce production-level quality.
3. Project Size:
The project team consists of four members, and the communication, planning, and modeling phases are estimated to take around one month. The construction and testing phases are estimated to take around one month with a minimum viable product ready at the end, but the schedules are relatively inflexible.
4. Conclusion:
The risk level for this stage of the project is medium to high. Although the team has sufficient expertise to implement the web-based application, the modest team size and limited domain knowledge may not be enough for a project that can be used in a real hospital setting. Further assessments may be necessary to mitigate risks and ensure project success.