

Feasibility Study

Technical Feasibility

1) Users' and analysts' familiarity with the business area:

The area of business is in providing an internal resource sharing and review platform which is familiar to the users because of other providers in the competitive landscape such as CourseHero, and RateMyProfessor. The analysts themselves are also students so they also have a decent understanding of the business area.

2) Familiarity with technology:

The technical tools we are going to use:

Programming languages - Python, Javascript.

Frameworks - Flask, React, Material-UI, NodeJS

Database Services - MongoDB or Firebase

Deployment tools - Heroku or Google Cloud Platform

The team is quite well versed in Python and Flask, however, familiarity with Javascript and other web frameworks might prove to be a bottleneck.

3) Project Size:

It is about 4 people for 7 months.

4) Conclusion:

The risk at this stage is medium because of the modest familiarity with technologies.