



Individual Reflection

A SUBTASK OF REAL WORLD PROJECT

Prabal Bhandari | STW2o6CDE | 13th September 2021

Job Reflection

Reflection (20 Marks)

The students are required to prepare a 500 words individual reflection of their contribution in the project, reflect on their learning and experience during the project period, describe the communication and task assignments.

Qognition was formed by necessity and ambition. A seamless electronic system connecting your medical records to your designated health care professionals is not a luxury. It is a necessity. Qognition consists of 4 astute and brilliant team members who worked cohesively, towards a common goal and in a complete synergy. As a leader I was to be not only effective but also to be efficient.

I had to make quick decisions and foreshadow it too. Being in the team-taught me how to work in a team how to inspire my teammates by setting an example or how to Penalize someone when they do not complete their tasks. But there seemed to be no lack of ideas and we were in fact too busy implementing our ideas analyzing it , testing it and again changing it. Although there were some hindrances caused by virtual classes and the pandemic we used different communication methods like Gmail , discord , slack and Microsoft teams. As recommended by Mr. Rawat we have used SCORE framework to maintain and lead the project.

S	C	O	R	E
Situation	Complication	Outcome Expectation	Remedial Action	End result
<ul style="list-style-type: none"> What situation did you find yourself in? Describe the overarching situation and your role in it 	<ul style="list-style-type: none"> What complication needed to be worked out? Explain the problem you or a third party faced 	<ul style="list-style-type: none"> What would have been the outcome? Discuss the consequences if no action was taken 	<ul style="list-style-type: none"> What action did you take to resolve the situation? Explain the actions you took and your rationale 	<ul style="list-style-type: none"> How did the situation eventually end? Highlight the end state and your impact on the success



Break into top-tier management consulting

Figure 1 Implementing Score Framework

Initially we made four different branches in git, pushed, and pulled it in to the branches accordingly. The branches were merged once there my approval as a team leader. Tasks were divided in Jira using sprint. We also used asana, which was a great tool, and we could complete the task within a given period.

First, we set up a cloud based mongo DB structure using Amazon Web Services located in Mumbai. With about 512 mb of storage, we got Mongo Atlas, which helped us store data in a distributed system. Using the REST API, we first made the backend of the project, which was completed in about a month. Some testing with postman and the API's worked perfectly. Although there was some problems with middle wares and authentication, I used some JWT (JSON Web tokens) which helped me solve my problems. There were some problems in Backend especially with the learning curve as my team had to learn NodeJS from scratch so that too k us about 2 weeks. For the front end, we used ReactJS and I kid you not learning ReactJS was quite a ride. On one hand as fun it was, it was inversely proportional to the ease of learning. As a leader of the group, I felt it was a great opportunity to utilize my leadership's skills along with my decision-making skills and time management skills. We used different Coursers courses and YouTube videos along with official documentation as reference.

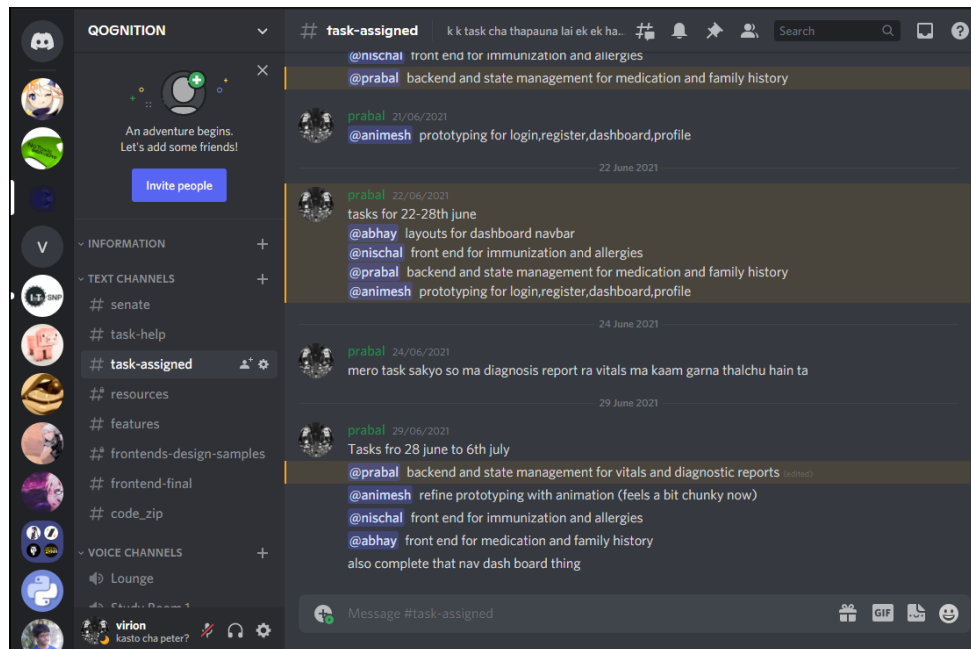


Figure 2 assigning tasks every week using discord

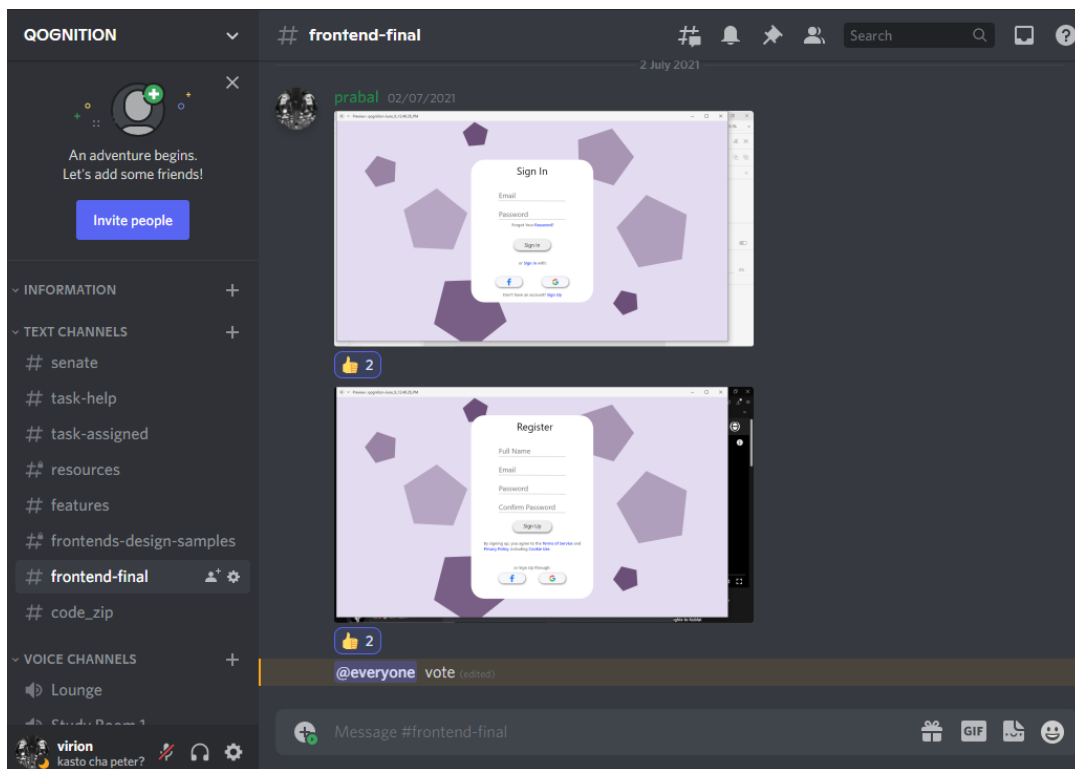


Figure 3 Using Discord as a communication channel

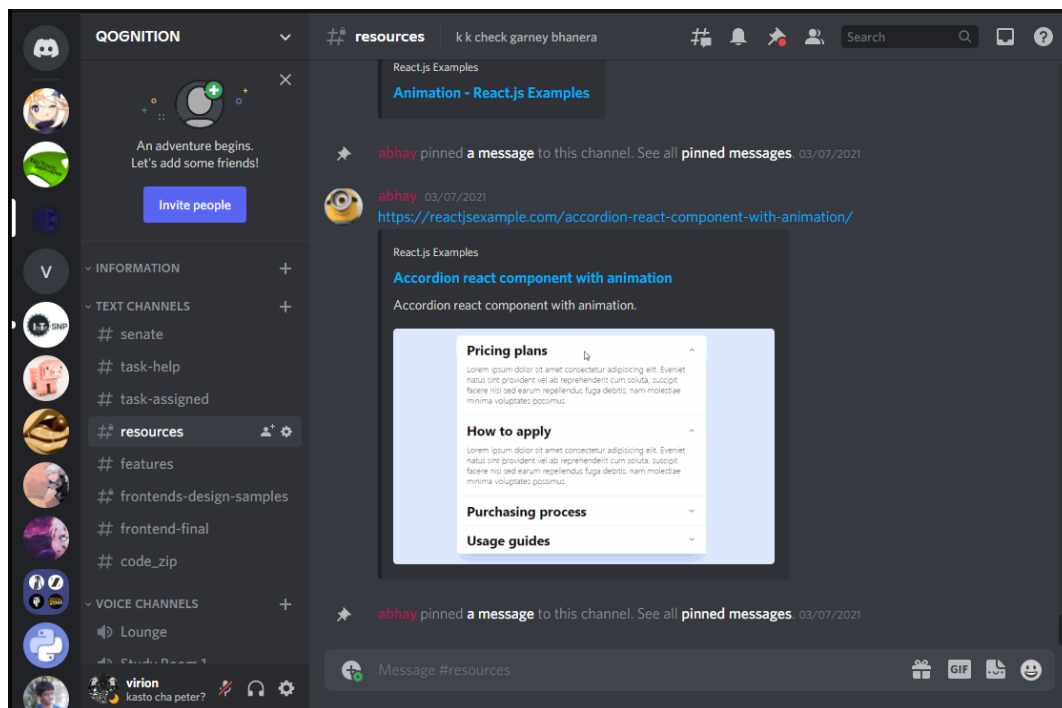


Figure 4 Using Discord to share resources

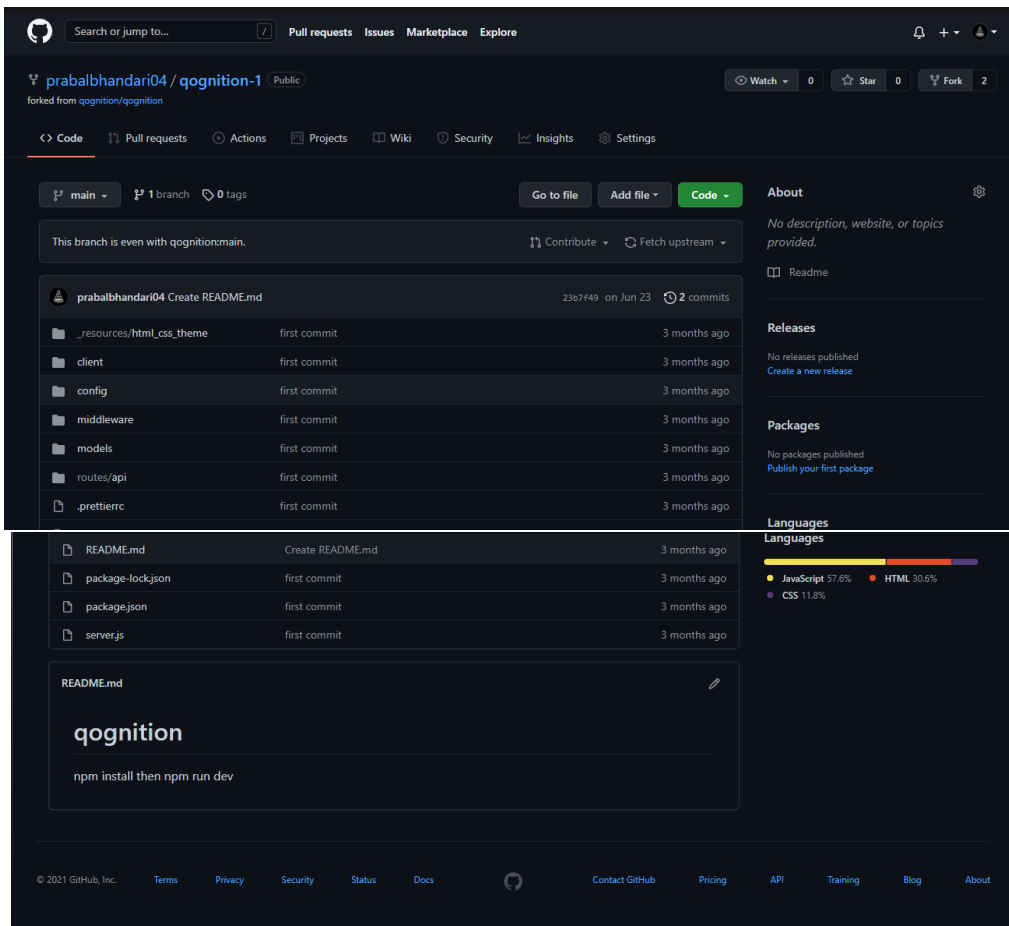


Figure 5 Using GitHub and different branches to push and pull Codes

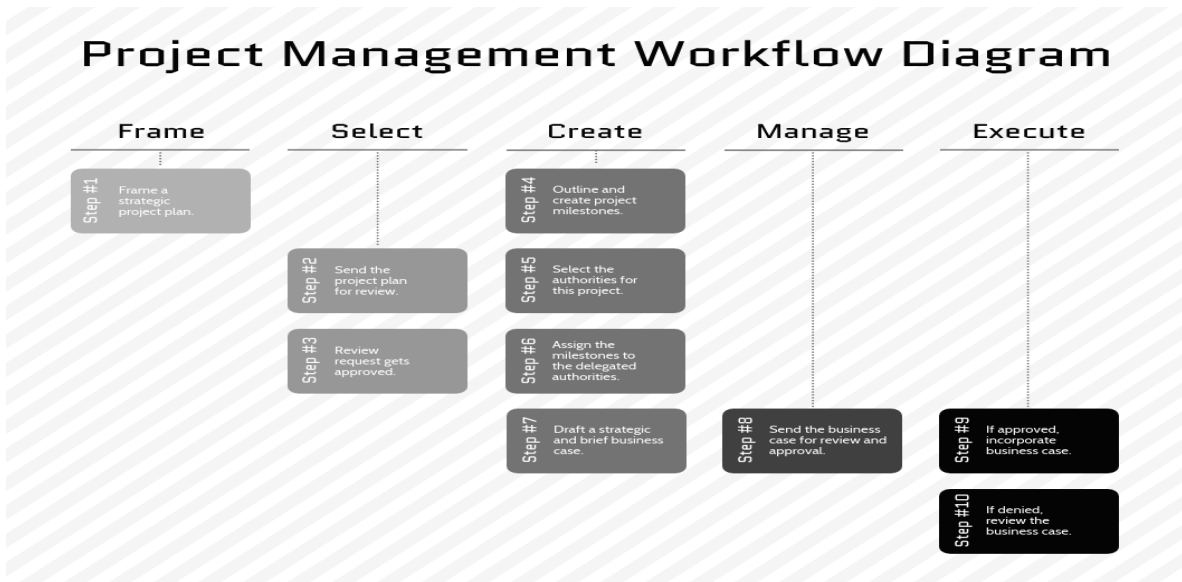


Figure 6 Project Management Workflow

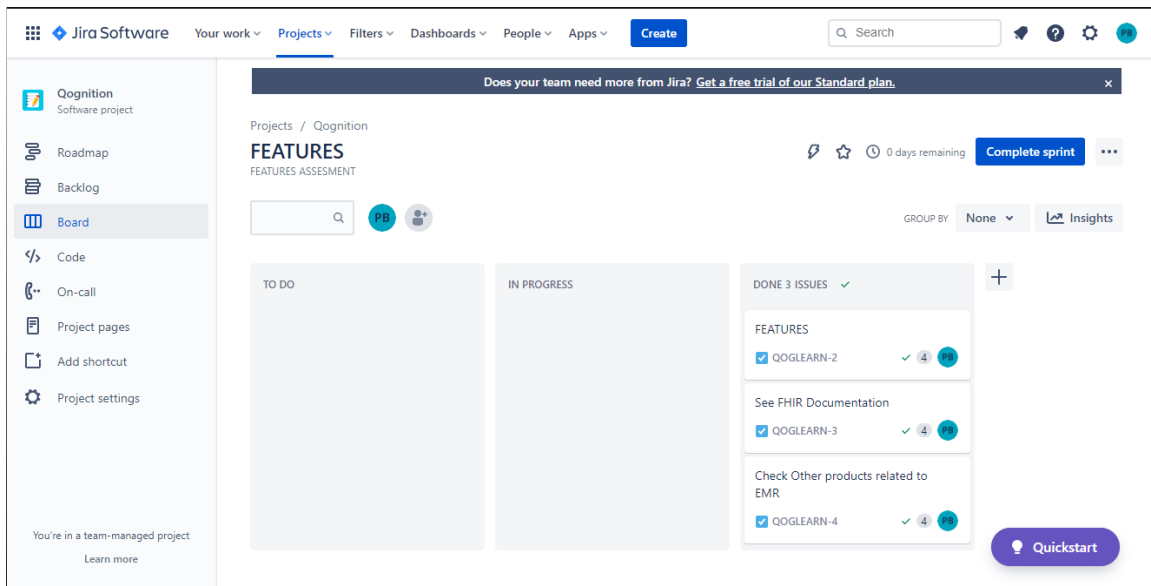


Figure 7 Using Agile method and sprint board in JIRA

Working with this team helped me prepare myself for the upcoming real world projects and how to inspire and collaborate and work in a complete synergy with my co-workers. It also helped me to bring out the best in each others as some were good in front end some were good in designing and some were good in brainstorming. Although due to insufficient I could not work with computer vision I shall work with it in near future. Other than that I was fortunate enough to work with such a co-operative team who helped me achieve the impossible.