SWE20001: Managing Software Projects

Team name: Team Apple

Member:

•Pasan Sanjula Senanayake (103128866),

•S M Ragib Rezwan (103172423),

•Fadal Arhab Farouk (102421195),

•Mithila Minara (103128691),

•Virul Vinwath (102625159)

•Anuradha Isurindu (102423308)

Tutor: Naveed Ali | 12.30pm Tuesday | EN31

Project Proposal1 : GotoGro

In this GotogGro Project, we are mainly focusing on the following factors as important to our team's success:

a) Business Value
b) Development Effort
c) Risk Involved

And the reasons why we have chosen the following factors (and not the rest) are detailed below, alongside their priority:

a) Business value is basically each and everything of importance that is present in the company itself determining its potential. Here by moving from their previous paper based system to our software, the company is actually trying to improve its business value by the integration of technology. Furthermore, they are also trying to maintain their competitive edge, by using our software (as thy want to know the grocery needs of the customer), which is also another important factor in business value. Thus, it is one of the most crucial factors for us to focus on while deciding on our sprint 1 tasks.

b) Development effort basically means the work that needs to be done in order to develop a certain project and usually determined by the time and resource allocated to a project. Since

this covers Timeline and also resource allocation, we have decided to include that as the 2nd most important factor while removing the separate "timeline" and "resource" factor.

c) Last but not the least, we chose the "Risk" factor. That's because almost all the factors in the project (from "development of code" to "productivity of team" to "budget issues", "scope creep", etc.) are affected by their own individual risks and consequences. Thus, by keeping this in mind we can either try and mitigate almost all risks from our tasks and ensure the software we develop does what it has been detailed to do in the project proposal.

Here, we have organized the priority of factors keeping in line with the following philosophy of "Customer first" which can be seen as we kept "Business value" first and then "Development Effort" and ended with "Risk" factor.

So by considering all of these our highest priority product backlog item is …………..(need you guys to make a choice) And is the one we have decided to start with in terms of our project.

And Our WBS structure is the following:

(for this I need points to write about so tell me all the factors that are working in ur code pasan, like all the classes, objects, etc used in ur code (it will be great if you have an architecture or higherachy type diagram associated with it from previous))

……
……

Some rough notes that had come up in mind, make sure to delete them before submission

Effort = time + resource (given by business)

Additional training increases business value

As GotoGro initially adapted to a paper based database system, its business value would potentially increase as they plan on adapting to a newer technology:

a. Business Value b. Development Effort c. Feature Dependency d. Date Needed / Timeline e. Risk involved f. Other factors (as you see fit)

Based on these factors, we are choosing to do the following items in Sprint 1:

BackLog Items:

Add a new member, Add item, Edit/ Manage item

Add a sales record F1, F2 8 Sprint 2 F5 Edit a sales record F4 8 Sprint 2 F6 Edit/ Manage Member F1 7 Sprint 2 F7 Sales queries based on time stamps and member