

Software Project Management Lab 4

Group Members:

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First, in a word document, talk about risks associated with certain activities, and the countermeasures you will take in order to mitigate that risk- that counter measure will be considered a task (for example, one risk at the end of the project is that the customer won't like it, so, one part of your counter measure would be to hold an open beta test for your software and collect feedback- those are considered tasks. Feel free to use this risk & countermeasure in your project). Mention at least 2 risks and their respective counter measures.

Risks

Risk	Countermeasure
The customer might not like the end product	Hold an open beta test and collect feedback
Advertising plan might not work as expected	Change platform if one doesn't workout
Negotiating data center contract fails	Have secondary data center negotiations, in case the first one fails
Implementation takes longer than anticipated	Hire more contractors in testing phase or hire external QA agency
Testing takes longer than scheduled	Incentivise open-source communities for feedback/ hire external QA agency

Resources

Secondly, in the same word document, talk about the resources you will have for your project. Specifically, these resources are your team (or team members). List at least 3 teams/team members and assign activities from your activity diagram to each one of them (multiple activities can be assigned to the same team, and different teams can work on the same activities). Make sure you use appropriate titles for your resources, for example you can have your System Analyst team, or a guy named Bob who's the system analyst. Furthermore, a system analyst is responsible only for requirements gathering and designing, not testing the system

Architecture Team (Arda, Marwa, Thomas)

- System Design
- Hardware Platform Selection
- AWS Instance Setup
- Manage Data Center Contract

Development Team (Arda, Marwa, Thomas)

- Implementation

QA Team (Arda, Marwa, Thomas)

- Testing

Marketing Team (Arda, Marwa, Thomas)

- Create Advertising Plan
- Create Ad Materials
- Deploy Advertising Plan

IT Team (Arda, Marwa, Thomas)

- Deployment

Finally, using your activity diagram, and the document you just prepared above, create a Microsoft Project Professional file (.mpp) that contains all of the details you talked about in your project. Turn your activities to tasks, give them a duration, start and end time. Make sure to adjust dependent tasks appropriately. Larger tasks can be entered as a summary in Microsoft Project Professional and divided into smaller subtasks. You must have at least 1 dependent task, and 1 summary. Turn your task mode to automatic for convenience's sake. Your total project duration can be between 1 – 3 months. Starting from February 2019. Make sure to account for holidays in your project by adding them as an

exception/non-working day (e.g. 22nd February is Family Day). You must have at least 1 holiday. Make sure your tasks include the 2 risk mitigation tasks you mentioned in your document. Add your resources (teams/team members) to your project and assign them their appropriate tasks. Failure to meet any of the above requirements will result in lost points, so make sure your project documentation and plan is consistent and meets the minimum requirements.

Please see the attached Project professional file (.pp)