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Software Project Management 2021/2022

Flashee

D2.1.2 – Risk Plan

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# Threshold of Success / Limiar de Sucesso

|  |  |
| --- | --- |
| 1 | All the functional requirements must be fulfilled by the end of the development. |
| 2 | By the end of the development all the features listed to test must pass successfully. |

# Risk List/Lista de riscos

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Impact** | **Probability** | **Priority** |
| 1. Angular is a new technology for most of us even though is created to be simple and easy to use.   Lack of experience can result in delays due a bad application of the framework.  Delay due technical (compatibility) problems working with angular. | 2 | 4 | 8 |
| 1. Is very common to make mistakes when developers work at the same time in a project, so some components can have unexpected outputs and behaviors.   This can happen to us when managing the deck data.  Problems in the integration of components will affect the development phase. | 3 | 4 | 12 |
| 1. Sometimes components get very complex and so does its testing.   We worry about getting stuck with a component that don’t passes the test and gets stuck.  Fail to test a component more than expected. | 2 | 2 | 4 |
| 1. The client can change his mind during the development making us go back in the development plan.   In our case is not probable to face a change of requirements but having one will have a significant impact on the project. | 4 | 2 | 8 |
| 1. Holidays are difficult times to work specially when we are going home to different places.   We could find ourselves with some weeks not being able to meet all of us together.  Lack of meetings will result in a worst communication and planning. | 3 | 5 | 15 |
| 1. In January we are going to have evaluation exams.   We are going to need a lot of time to study and do other projects, we risk not having enough time to finish the project. | 3 | 4 | 12 |
| 1. Since December we are facing the expansion of a new covid variant we don’t know much about.   A member of the team getting sick could mean staying out of the project for some weeks, even a month in the worst case, having to leave it. | 5 | 4 | 20 |

*Actions may be a* ***Mitigation Action***

* *Contingency Plan (CP) / Plano de Contingência,*
* *Avoidance Strategy (AS) / Plano de Prevenção or*
* *Minimization Strategy (MS) / Plano de Minimização,*

*detailed in next section, or* ***Observation****.*

# Mitigation Actions

*This section may describe the mitigation actions regarding risks with P x I ≥ 15*

**Risk 5:**

* AS: Since vacations are already planned, to prevent delays the best option is to discuss with the team the days each member will be able to work and meet out of vacations days so the schedule is followed keeping the free days.
* CP: In case of not doing the work before the next meeting the work must be distributed in the next weeks to reduce the load.

**Risk 7:**

* AS: Having good hygiene habits, using mask when needed, avoid going to crowded places.
* CP: In case of the risk happening, the team have to cover the work the involved member cannot do.