Faculdade de Design, Tecnologia e Comunicação
Universidade Europeia

Gestão de Projetos Informáticos
Professor José Vasconcelos

Project Charter

Lava Lamp

Lisboa, 28 de outubro de 2020

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1. Project description

The Lava Lamp platform allows its users to form teams and projects between them, it also integrates with the GitHub API enabling users to link tasks to code updates. The task module of the platform is quite flexible as it enables the users to make sub-tasks and sub-sub-tasks and so on so that the workflow is fully compartmentalized, and the managers can see what is currently being worked on. There is also a functionality for meetings and addresses that can be useful in pinpointing those locations on a map.

2. Business objectives

The team pretends to make Lava Lamp an intuitive and easy to use platform. Lava Lamp is a minimalist alternative platform that enables less experienced people, such as students or small start-up projects, to get their project management system working as seamlessly as possible.

3. Vision

The mission of this platform is to make available a free platform that helps people who are new to project management get into the subject and make their projects come true.

4. Project scope

As a scope, the project is planned to take 6 months to complete. The team plans to achieve the following Deliverables:

-Having a home page that contains a customizable dashboard.

-Full integration with the GitHub API

-An intuitive automatic approach of task management

5. SWOT analysis

Strengths	***Weaknesses***	***Opportunities***	***Threats***
Free	No initial exposure	Untapped student market	Numerous platforms with similar features
Intuitive	Tight timeframe		
Minimalist			

6. Milestones

Event and deliverables	***Target Date***	***Responsibility***
Assemble a project team	October 21, 2020	Project manager
GitHub repository created	October 26, 2020	Vasco Pereira
Database created and connected to the server	October 31, 2020	João Calapez
All Pages and Forms created	November 15, 2020	Vasco Pereira
GitHub API integration	November 20, 2020	João Calapez
Full task workflow	November 20, 2020	Vasco Pereira
User Permissions	November 25, 2020	Vasco Pereira
Issues completed	December 10, 2020	Vasco Pereira
Custom Menus	December 20, 2020	João Calapez
Project closed	January 15, 2020	Project Manager

7. Business risks

Risk	Probability	Impact
The software and IS project fail	Low	Severe
The software has a low impact on its users	Low	Medium
The software presents security risks	Medium	Severe
Different project with same functionalities appears on the market	Medium	High
Team is unable to work together	Low	Severe

8. Constraints

Dimension	***Constraint***
Features	Lack of staff
Quality	Lacking a person with expertise in this type of application, to make sure everything works as it's supposed to
Cost	Limited budget
Schedule	Tight schedule
Staff	Lack of a specialized people to test the software

9. Resources and Stakeholders

Resource	*Description and Roles & Responsibilities*
Development team	Main roles: project manager, design (and architecture) team, software development team, configuration management team, quality assurance, and testing team.
Physical facilities and equipment	University study rooms, personal computers, remote server

Approvals

Approval decision:

☐ **Approved, project execution is authorized**

☐ **Revise charter and resubmit for approval**

☐ **Charter and project proposal are rejected**

Role *and/or* ***title***	***Name*** *and* ***signature***	***Date***
Programmer	Vasco Pereira	31/10/2020
Programmer	João Calapez	31/10/2020