

Project Charter

A. General Information

Project Title:	Unit testing of the project assignment in course GIK299		
Brief Project Description:	The code from the project in course GIK299 will be refactored and unit testing will be implemented to ensure a well functioning code.		
Prepared By:	Mikael Olsson		
Date:	9/5-2022	Version:	1.0

B. Project Objective:

Explain the specific objectives of the project. For example: What value does this project add to the organization? How does this project align with the strategic priorities of the organization? What results are expected? What are the deliverables? What benefits will be realized? What problems will be resolved?

The goals of the project are

- * Refactoring to based on knowledge gained as time has passed
- * Implement unit testing to ensure that the code is viable to some extent

The code is expected to never fully crash but supply the user with with a way to continue in case of error. A major problem with the code as it stands is that it was written over a year ago, I believe around christmas 2020, along the way I've learnt a lot of things about coding and I believe that this code can be improved majorly. This project will also allow me to make use of my newly developed unit testing skills.

C. Assumptions

List and describe the assumptions made in the decision to charter this project. Please note that all assumptions must be validated to ensure that the project stays on schedule and on budget.

The assumptions that are made when making this project

- * Functional code from the start of the project

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D. Project Scope

Describe the scope of the project. The project scope establishes the boundaries of the project. It identifies the limits of the project and defines the deliverables.

- * Since the main purpose is to implement unit testing I will check for errors and validate that methods and such work as expected
- * Refactoring to some extent.

List any requirements that are specifically excluded from the scope.

- * Won't be remaking the whole program.
- * Depending on time code coverage might or might not reach 100%. I believe the most important part is implementing extensive testing on those methods I have time for.

E. Project Milestones

List the major milestones and deliverables of the project.

Milestones	Deliverables	Date
Don't know yet		

F. Impact Statement

List the impact this project may have on existing systems or units.

Potential Impact	Systems / Units Impacted
Don't know yet	

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G. Roles and Responsibilities

Describe the roles and responsibilities of project team members followed by the names and contact information for those filling the roles. The table below gives some generic descriptions. Modify, overwrite, and add to these examples to accurately describe the roles and responsibilities for this project.

Sponsor: Provides overall direction on the project. Responsibilities include: approve the project charter and plan; secure resources for the project; confirm the project's goals and objectives; keep abreast of major project activities; make decisions on escalated issues; and assist in the resolution of roadblocks.	
Name	Email / Phone
Antoni Hering	hering.anton19@gmail.com
Nandor Fort	fort.nandor@gmail.com
Project Manager: Leads in the planning and development of the project; manages the project to scope. Responsibilities include: develop the project plan; identify project deliverables; identify risks and develop risk management plan; direct the project resources (team members); scope control and change management; oversee quality assurance of the project management process; maintain all documentation including the project plan; report and forecast project status; resolve conflicts within the project or between cross-functional teams; ensure that the project's product meets the business objectives; and communicate project status to stakeholders.	
Name	Email / Phone
Mikael Olsson	h20mikal@du.se
Team Member: Works toward the deliverables of the project. Responsibilities include: understand the work to be completed; complete research, data gathering, analysis, and documentation as outlined in the project plan; inform the project manager of issues, scope changes, and risk and quality concerns; proactively communicate status; and manage expectations.	
Name	Email / Phone
Mikael Olsson	h20mikal@du.se
Customer: The person or department requesting the deliverable. Responsibilities include: partner with the sponsor or project manager to create the Project Charter; partner with the project manager to manage the project including the timeline, work plan, testing, resources, training, and documentation of procedures; work with the project team to identify the technical approach to be used and the deliverables to be furnished at the completion of the project; provide a clear definition of the business objective; sign-off on project deliverables; take ownership of the developed process and software.	
Name	Email / Phone
Hans Jones	hjo@du.se
Subject Matter Expert: Provides expertise on a specific subject. Responsibilities include: maintain up-to-date experience and knowledge on the subject matter; and provide advice on what is critical to the performance of a project task and what is nice-to-know.	
Name	Email / Phone
Mikael Olsson	h20mikal@du.se

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H. Resources

Identify the initial funding, personnel, and other resources committed to this project by the project sponsor.

Resource	Constraints
Project Budget	\$ 0

I. Project Risks

Identify the high-level project risks and the strategies to mitigate them.

Risk	Mitigation Strategy
Lazy	Motivational videos on youtube
Tired	Sleep
Hungry	Eat
Distracted	Remind myself of the consequences of failure
At the gym	Finish workout then go home to work

J. Success Measurements

Identify metric and target you are trying to achieve as a result of this project. For example, overall cost savings of \$50K or reduce processing time by 25 percent.

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K. Signatures

The signatures of the people below document approval of the formal Project Charter. The project manager is empowered by this charter to proceed with the project as outlined in the charter.

Customer:		
Name	Signature	Date
Hans Jones	<i>Hans Jones</i>	9/5-2022
Project Sponsors:		
Name	Signature	Date
Nandor Fort	<i>Nandor Fort</i>	9/5-2022
Antoni Hering	<i>Antoni Hering</i>	9/5-2022
Project Manager:		
Name	Signature	Date
Mikael Olsson	<i>Mikael Olsson</i>	9/5-2022