

## **Preliminary**

Progress checkpoints.

## **Team member & project (re)introductions**

Name of the team: Master Calculator.

Team member: Philip Anyuon.

This is the solo project for ENSE400 Capstone at University of Regina. The purpose of the project is to design a master calculator with better interfaces and reduce the complexity of combining symbols and abbreviations to derive the answer. The basic language for design is going to be Java, and Java ME for mobile app design.

The second part of the project (winter term) will focus on embedded it on raspberry pi.

## **Scrum dates**

Sept.10, 2021 - Sept. 24, 2021

## **Status description**

Project status: Yellow

- The reason why the status is yellow is because the scope is seemed to be too big, and one team member has dropped off. So, the scope of the project must be reduced to include basic calculator interface, scientific calculator interface and engineering calculator interface with the few engineering problems. Unit conversion may go to winter term and be done before embedded.
- That way, the project will be stable and good to wo

**Team members must also individually speak to their contributions over the stated scrum dates. What did everyone do to contribute to where the project is at? NOTE: I want to hear (and hopefully see in the video) team members in the video (this is about professionalism here folks)**

Referred to: **Response to questions document**

## **Project issues**

Problem of scope: The scope was looked like an infinite in the beginning of the project, the reason was that the project scope statement document was not yet presented. At this time, the scope statement document may clarify the exact scope limit.

## **Project changes**

The change is that the scope has been adjusted a little bit to exclude many formulas and put focus on interface. There are not many changes that has happened yet. If there will be more changes it will appear on the next scrum.

## **Documentation overview and/or project demo**

The documents include in this first scrum are:

1. Business Case
2. Project Scope Statement
3. Project roles and responsibilities
4. Response to questions

## **Next up**

In one week from now, I must make sure all tools for development are downloaded and install properly. These include NetBeans, Java Runtime Environment (JRE), Java Development Kit (JDK) and Java Micro Edition (ME). Also, I must prepare for Hi fidelity prototyping.

## **Team reflection**

Discuss:

- **Does the team feel "on track"? (Reiterate the above colour status)**

I feel like everything under control at this moment.

- **What progress does the team particularly feel good (great) about?**

The project idea is wonderful, and I feel of doing it. After this project is completed the learning gain from doing it will be amazing.

- **What barriers (if any) does the team feel are a current impediment to success?**

Working alone is good but some time we need a group to share ideas.

- **What help (if any) does the team require to move positively forward?**

When diving into unknow things, or thing you never done before, it is scary, but through encouragement everything is possible. We have ever tool we need to do anything.

- **What questions or concerns does the team have (if any)?**

I am still exploring the way of embedded the software. I hard Trevor Douglas saying he has been working on embedded in last couple of years. Is it possible that I should have both Professor Karim and Trevor Douglas as my Mentors?