**Progress Report**

**- Increment 2 -**

**Group #**

# Team Members

*Jacob Hobson jrh17k JacobRHobson*

*Vinzce Yadoa vpy18a yadaovinzce52*

*Ronald Nazaire rn18p ronaldnazaire*

*Jorge Atencio jea17c jorgeatencio00*

*Schmidt Jean sjj18o SchmidtKJ*

1. **Project Title and Description**

*Resistor Calculator: Calculates the ohm value and tolerance based on the resistor color codes, the total resistance of a group of resistors in parallel or in series, and the resistance of a conductor based on size and conductivity.*

1. **Accomplishments and overall project status during this increment**

*We have successfully implemented most of our functional and non-functional requirements. Those that were not implemented were due to time crunch and unable to meet up due to the pandemic. The state of our project is working and is stable. All the requirements that were implemented is functional and no bugs/defects were found.*

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

*- We have changed from a 4,5, and 6 band support to just a 4 and 5 band support because we were not able to figure out how to implement the 6-band support to our application.*

*- Login and Registration has successfully been implemented as a web application. Before it was implemented as a desktop application.*

*- The feature of being able to save the calculations was not able to be implemented, instead we changed it to where when the user “saves” their calculations they will receive points towards a leaderboard.*

1. **Team Member Contribution for this increment**

*Please list each individual member and their contributions to* ***each of the deliverables in this increment*** *(be as detailed as possible). In other words, describe the contribution of each team member to:*

* 1. *the* ***progress report****, Vinzce Yadao wrote the document. All other team members helped by giving him information on what was done and what challenges they came across.*
  2. *the* ***requirements and design document****: Ronald Nazaire and Jorge Atencio, all other members gave information.*
  3. *the* ***implementation and testing document****: Vinzce Yadao worked on the entire implementation and design document. Every other member gave information.*
  4. *the* ***source code*** *: Schmidt Jean wrote the beginning of the MySQL code, Ron wrote the logic for the calculator, Jacob and Jorge created the login and register page*
  5. *the* ***video or presentation:*** *Everyone recorded themselves and uploaded their recording to a shared google drive, Vinzce Yadao put together the video and edited it.*

1. **Link to video and link to web application**

<http://resistorcalculator-env.eba-nkemu6kc.us-east-2.elasticbeanstalk.com/>

***https://youtu.be/TsT7-KAtvLA***