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| --- | --- |
| **Team Name:** | Team MST |
| **Team Members:** | Luv Shah, Marc Rosales, Suzy Roche |
| **Revision Number** | 1 |
| **Charter Date:** | 5/16/2021 |
| **Project Name:** | CTA Spanning Trees |

**Communications**

|  |  |
| --- | --- |
| **Regular Meetings** | |
| Location: | Discord |
| Dates/Times: | Sundays and Fridays + Class time |
| **Informal Check-ins** | |
| Medium: | Discord Message |
| Expected Response Time: | Hopefully by the end of the day |

**Deadlines**

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **Date** | **Who will submit** |
| Charter | 5/19 | Suzy Roche |
| High-Level Design | 5/24 | Luv Shah |
| Test Plan | 5/28 | Luv Shah |
| Presentation | 5/31 | Suzy Roche |
| Activity (optional) | 5/31 | (Not sure yet) |
| Final Code | 6/6 | Luv Shah |
| Post Mortem | 6/11 | <individually> |

**Purpose and Scope**

*State the project’s purpose and scope in your own words. You only need one summary paragraph here.*

Projects purpose: display how Primms and Kruskals algorithms are used in a minimum spanning tree for weighed distance.

Primms and Kruskals algorithm for a graph of CTA stops with weighted edges. The presentation will be explaining how each algorithm works, drawing out the CTA stops.

We are not sure about doing an activity yet.

**SWOT Analysis**

|  |  |
| --- | --- |
| **Strengths:** | General plan is set as of now, we have a good outline for the code |
| **Weaknesses:** | The topic itself is rigid and challenging. |
| **Opportunities:** | Bitbucket will be helpful to allow us to edit the same file at the same time. |
| **Threats:** | If we hit a wall when making this, that will be a danger so we have to make sure to convene often so this doesn’t happen. |

**Team Conduct and Participation Expectations**

**Team members will attend each meeting on Sundays and Fridays, both at 1pm**

**Team members will complete their work by Friday, and convene with eachother for issues they are having.**

**Team members will be open for DMs on feedback and discussion and try to respond in at least a day.**

**Team members who do not finish their assigned work by that Friday will be removed from final deliverable credit.**

**Team members will make sure to watch videos to understand the topic well for the presentation.**

*Define any expectations for how the team will conduct business and consequences for not meeting expectations. For example:*

* *Team members will attend each regular meeting or give 24 hours notice to reschedule and then show up on time as scheduled.*
* *Team members will complete their work 24 hours before the expected delivery date so that the other team members can review the work before submission. Not doing this may result in the team omitting the offending from the final deliverable (meaning they will not get credit for that assignment with the group)*
* *Team members will solicit and respect the feedback from other team members. Listening to others is not merely hearing ideas but considering their worth independent of your opinions.*
* *The rest of the team can exclude any team member(s) not living up to this agreement from all deliverables and the instructor informed of the infractions.*
* *Consider other ideas like*
  + *How will your team resolve disagreements?*
  + *How will you share responsibilities and shift roles?*
  + *What is the balance between quality and learning?*

***Agreement and Signatures***

You must personally attach your name to this document as an agreement to its contents and represents your willingness to live by the included rules. This is a living document that the team can agree to modify at any time, but not living up to or changing in this document may mean I do not get credit for the project work and any associated implications towards my final grade.

*Include each team member’s name and the date of agreement here.*

Suzy Roche, Luv Shah, Marc Rosales

5/16/2021