Railroad Signaling Block Design Tool

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**Progress of current milestone**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Task | Completion % | Kenneth Truex | Christopher Diebold | Chad Mason | Zachary McHenry | To Do |
| Parsing the Database | 100% | 0% | 50% | 50% | 0% |  |
| Do a GUI Mockup and Present to GE | 100% | 50% | 0% | 0% | 50% |  |

**Summary of Accomplished Tasks for Milestone**

1. :

2. :

**Summary of Contribution of Each Team Member**

Ken: Currently modifying the algorithms used to calculate Safe Breaking Distance and Headway/Runtime performance to read in values from a SQL database.

Chris:

Chad: Took the Photoshop designs from Zach and began implementing them into a Windows Form. Showed Dan Ballesty the Windows Form

Zach: Finished designing the GUI in Adobe Photoshop taking into account the feedback that we have received from Dan Ballesty. Have started putting the GUI into a Windows Form with Chad. Waiting for final approval from Dan Ballesty. Also need other engineers from GE to approve the GUI and provide feedback based upon what they are looking for and what they would like to accomplish with this software. After both the GE and our team have agreed upon the GUI we will begin to interface the GUI with Kenneth’s calculation algorithms and the database.

**Plan for Milestone 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Kenneth Truex | Christopher Diebold | Chad Mason | Zachary McHenry |
|  |  |  |  |  |
|  |  |  |  |  |

**Summary of Milestone 2 Tasks**

Parsing the Database:

Take our skeleton infrastructure of a database and add to it the functionality of information retrieval. Set it up so that the user can enter query commands and actually retrieve information stored in the database.

Do a GUI Mockup and Present to GE:

Take our design documents of our GUI that we created in Photoshop and implement it into C# code. After completing the implementation, we will present it to Dan Ballesty for review and critique.

**Sponsor Feedback on Each Task for the Current Milestone**

1. Parsing the Database:

2. Do a GUI Mockup and Present to GE:

Sponsor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_

**Sponsor Evaluation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Kenneth Truex | 0 | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Christopher Diebold | 0 | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Zachary McHenry | 0 | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
| Chad Mason | 0 | 1 | 2 | 3 | 4 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |

Sponsor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_