| Risk Title                    | Likelihoo<br>d            | Impact                    | Retirement<br>Cost             | Priority   | Retirement/mitigation plan  | Responsible<br>Engineer    | Target<br>Completi<br>on Data |
|-------------------------------|---------------------------|---------------------------|--------------------------------|--|---|----------------------------|-------------------------------|
|                               | 1-10<br>1=least<br>likely | 1-10<br>1=least<br>Impact | 1-10<br>1=lowest<br>retirement | (11-likelihood)*(11-<br>Impact)*Retirement<br>lowest number<br>handled first |   |                            |                               |
| Ability to read source code   | 10                        | 10                        | 1                              | (11-10)(11-10)*1<br>=<br>1   | Narrow it down to one programming language  | N/A                        | ?                             |
| Output diagram                | 10                        | 7                         | 3                              | (11-10)(11-7)*3<br>=<br>12   | Make text file of the output with proper formatting   | Joshua                     | ?                             |
| Drawing the diagram           | 8                         | 8                         | 3                              | (11-8)(11-8)*3<br>=<br>27  | Plant UML to draw UML<br>Diagram or other UML<br>drawing tool   | Adrian                     | ?                             |
| Schedule Conflict             | 6                         | 8                         | 4                              | (11-6)(11-8)*4<br>=<br>60  | Contact each other to try<br>to workout any problems<br>with our schedule for the<br>project                              | All<br>members             |                               |
| Work not getting done in time | 6                         | 10                        | 3                              | (11-6)(11-10)*3<br>=<br>15   | If able try to work on it as much as possible before due date(s). Person who didn't get work done in time is responsible. | Responsib<br>le<br>members |                               |

| Someone falls ill/unable to work on project in general                           | 2 | 8  | 5 | (11-2)(11-8)*5<br>=<br>135 | Whoever is not ill will try to work on the sick person's responsible task.                  | Whoever isn't sick |  |
|--|---|----|---|----------------------------|---|--------------------|--|
| Files go<br>missing/corrupted.<br>Work is held back from<br>technological errors | 3 | 10 | 2 | (11-3)(11-10)*2<br>=<br>16 | To mitigate loss of work in the event this happens, try to save often and/or create backups | All<br>members     |  |
|  |   |    |   |                            |   |                    |  |
|  |   |    |   |                            |   |                    |  |
|  |   |    |   |                            |   |                    |  |
|  |   |    |   |                            |   |                    |  |