**Detailed Project Plan**­­­­­­­­

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| **Task** | **Resources Needed** |
| Analysis |  |
| Project Proposal | MS Word |
| Feasibility Study | MS Word |
| End User Survey | MS Word, SurveyMonkey |
| Project Plan | MS Word, MS Excel |
| Requirements Specification | MS Word |
| Design |  |
| UI Wireframes | GIMP |
| Neural Net Design | MS Word |
| Pseudocode | TextWrangler |
| Implementation |  |
| Frame and Panel | Git, Eclipse, Java 8 |
| Neural Net setup | Git, Eclipse, Java 8 |
| Main Menu | Git, Eclipse, Java 8 |
| Fast Generation | Git, Eclipse, Java 8 |
| Slow Generation | Git, Eclipse, Java 8 |
| Average Survival Graph | Git, Eclipse, Java 8 |
| Creature Cannabalism | Git, Eclipse, Java 8 |
| Creature Names | Git, Eclipse, Java 8 |
| Ongoing Research | Git, Eclipse, Java 8 |
| Testing |  |
| Test Plan | MS Word |
| Neural Net | Eclipse, Java 8 |
| Main Menu | Eclipse, Java 8 |
| Slow Generation | Eclipse, Java 8 |
| Fast Generation | Eclipse, Java 8 |
| Average Food Graph | Eclipse, Java 8 |
| Creature Cannabalism | Eclipse, Java 8 |
| Creature Names | Eclipse, Java 8 |
| Hollistic Testing | Eclipse, Java 8 |
| Evaluation |  |
| Efficiency | MS Word |
| Effectiveness | MS Word |
| Reliability | MS Word |
| Robustness | MS Word |
| Extra Implementation\* |  |
| Highest and Lowest food graph | Git. Eclipse, Java 8 |
| Observe generation after completion | Git, Eclipse, Java 8 |
| Sprites and backgrounds | Git, Eclipse, Java 8 |
| Extra Testing\* |  |
| Test Plan update | Eclipse, Java 8 |
| Highest and Lowest food graph | Eclipse, Java 8 |
| Observe generation after completion | Eclipse, Java 8 |
| Sprites and backgrounds integration | Eclipse, Java 8 |
| Extra Evaluation\* |  |
| Efficiency | MS Word |
| Effectiveness | MS Word |
| Reliability | MS Word |
| Robustness | MS Word |