**MECH 328 Weekly Progress Report *Dates: September 16 - 22***

Group: 10 Project Title: TrailRider 5.0

**Last Week’s Goals**:

1. To complete research on the current Trail Rider for the ‘Investigation’ appendix.
2. To complete research on other market comparables for the ‘Literature Research’ appendix.
3. To begin concept generation for the key functions.

**Last Week’s Activities**:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Activities | Hours Worked | |
| Last Week | Total |
| Andrea | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Resumed Investigation Appendix & Final Report format | 8 | 17 |
| Carson | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Organized generated concepts * Worked on the ‘Investigation’ Appendix | 8 | 18 |
| Julia | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Updated Gantt Chart, created Risk Register, began Failure Appendix. | 8 | 10 |
| Lukas | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Completed the weekly report * Completed the ‘Literature Research’ appendix | 8 | 17 |
| Ratthamnoon | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Led weekly TA meeting * Updated target specifications for this week * Winnowing | 8 | 17 |
| Stephen | * Generated concept fragments and full concepts * Analyzed the current design hands-on with team * Worked on the value proposition * Winnowing | 8 | 17 |

**Summary of progress**:

* Market comparable research has been completed, and a more in-depth understanding of the current Trail Rider has been developed.
* Target specifications have been updated to more accurately represent the current stage.
* Concept fragments were generated for each of the prime functions, and full concepts were generated based on these fragments.
* Investigation appendix is partially complete.
* The project scope was determined and detailed along with an updated target market.
* Winnowing was completed.

**Assessment of Overall Progress:**

* Progress is in line with our Gantt chart projection and progress is sufficient to reach upcoming deadlines.

**Goals for Next Week**:

1. Score full concepts and complete DFMEA
2. Complete the ‘Investigation’ appendix

**Action Items for Next Week**:

|  |  |  |
| --- | --- | --- |
| Name | Action(s) | Due Date(s) |
| All | Score concepts that passed winnowing | 9/22 |
| All | Complete DFMEA 1 | 9/22 |