

|  | Week 1 |     |      |     |       |
|--|--------|-----|------|-----|-------|
| Date   | Sun    | Mon | Tues | Wed | Thurs |
| Initial Information                          |        |     |      |     |       |
| Problem Statement                            |        |     |      |     |       |
| Meeting Times                                |        |     |      |     |       |
| Customer Interview Questions                 |        |     |      |     |       |
| Customer Requirements                        |        |     |      |     |       |
| Engineering Requirements                     |        |     |      |     |       |
| Relationship Matrix                          |        |     |      |     |       |
| Member Positions                             |        |     |      |     |       |
| Customer Interview Follow-up                 |        |     |      |     |       |
| Initial Benchmarking                         |        |     |      |     |       |
| Risk Assessment                              |        |     |      |     |       |
| Week 3 Review                                |        |     |      |     |       |
| Print out and Read previous projects         |        |     |      |     |       |
| Review Past assembly diagrams                |        |     |      |     |       |
| Discuss/review past projects                 |        |     |      |     |       |
| Split up critical design challenges/Research |        |     |      |     |       |
| Functional Decomposition                     |        |     |      |     |       |
| Concept Generation & Morphological Analysis  |        |     |      |     |       |
| Benchmarking                                 |        |     |      |     |       |
| Review individual design challenges          |        |     |      |     |       |
| Inventory                                    |        |     |      |     |       |
| Partial re-assembly                          |        |     |      |     |       |
| Past projects design challenges              |        |     |      |     |       |
| Technical Capabilities Assesment             |        |     |      |     |       |
| Initial flow diagram, our design             |        |     |      |     |       |
| Block Diagram                                |        |     |      |     |       |
| Concept drawing of our design                |        |     |      |     |       |
| SDR Review (past projects)                   |        |     |      |     |       |
| Test Plan                                    |        |     |      |     |       |
| Deliverable Updates                          |        |     |      |     |       |
| Update Edge                                  |        |     |      |     |       |
| Create week 6 ppt                            |        |     |      |     |       |
| Review week 6 ppt                            |        |     |      |     |       |
| Peer Review                                  |        |     |      |     |       |
| Video for Subsystem Design Phase             |        |     |      |     |       |
| Review feedback from ppt                     |        |     |      |     |       |
| Component Finalization                       |        |     |      |     |       |
| Create B.O.M.                                |        |     |      |     |       |
| Create test plan for pressure control        |        |     |      |     |       |
| Create test plan for flow control            |        |     |      |     |       |
| Create test plan for mechanical movement     |        |     |      |     |       |
| Find existing 3D models                      |        |     |      |     |       |
| Create new 3D models                         |        |     |      |     |       |
| Initial system layout                        |        |     |      |     |       |



















































































