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| **Requirements List** | | **Emphasis Level** | | |
| **List of clients’ requirements** | | Demand | Wish | Maybe |
| 1. | The propeller blades can provide high propulsive force. |  |  |  |
| 2. | The new propulsion system should with less resistance and smaller. |  |  |  |
| 3. | The final deliverable work should surprise clients. |  | x |  |
| **List of Mr Haak requirements** | |  |  |  |
| 1. | The prototype should be a calculation chain. | x |  |  |
| 2. | The final deliverable work should be user-friendly and with good interface. | x |  |  |
| 3. | Measuring data from real boat to verify calculation chain. | x |  |  |
| 4. | Using V model to build test plan. |  | x |  |
| 5. | Build a prototype test setup. | x |  |  |
| **List of team requirements** | |  |  |  |
| 1. | Build valid simulation of the propulsion system. | x |  |  |
| 2. | Make the propulsion system more efficient. |  | x |  |
| 3. | Minimize the power loss in the gears. |  | x |  |
| 4. | Minimize the power loss in bearings. |  | x |  |
| 5. | Determine the input from shaft. | x |  |  |