**Propeller Clock**

**PROJECT PROPOSAL**

25/1/2020

Group 1

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| **WHY IS THE PROJECT NECESSARY?** | We aim to learn the concept POV, Persistence of Vision, which means that if something appears in the same spot consistently, at least 50-60 times per second, our brains think that it is permanently there when it is not. |
| **OBJECTIVES** | 1. Effectively control the motor to display the clock clearly. 2. Display clock in digital mode. 3. Display any input string. |
| **PHASES OF WORK**  **& DESIRED**  **OUTCOME** | 1- Initiation phase: assembling the hardware and gathering the mechanical components  2- Kick off phase: developing the first software to display regular clock  3- First Milestone: display digital clock.  4- Finish line: display any input string.  5- Extra features: 3D display using POV concept. |