

Individual Progress Report

IPR Number IPR_3

Covering period from 2-20-2017 to 2-24-2017

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Tasks I completed in the previous week:

[List specific, clear definition of completion that can be checked. Make special note of deliverables accepted or requirements demonstrated successfully.]

Tasks not completed

Tasks I plan to complete next week.

[List specific, measurable planned task outcomes along with the responsible individual for each goal.]

Due:	WBS: 3	Mathematical derivations	Zainab
Due:	WBS: 4	Theoretical deliverables and written computer algorithm	Zainab

Proposed Changes

[Propose new goals or sub-goals to be incorporated into the WBS.]

No changes this week.

Overdue WBS Items

[Give consequences and a mitigation plan]

The preliminary mathematical equations were based on data from last year whose basis of collection did not translate much to the key parameters that make up the derivations. After analysis of it and more check-in with Prof. Nadovich, it made more sense to re-collect the data and analyze for proper equation derivations.

Consequence:

- Learnt how to collect data in the Dyno room
- Established motor gear relations in Dyno room
- This week's due items not ready

Mitigation plan:

- Wrote a test plan for dyno data collection for useful data, taking to consideration alternative approach for circumstances such as when the power supply not working.
- Establish a weekly half to 1 hour meetings outside of class and lab time, to discuss my progress.
- Continue analyzing new data over the weekend and have an outcome for equations on Monday.