

Individual Progress Report

IPR Number Hussein_IPR_01

Covering period from 1-30-2017 to 2-9-2017

Prepared by: Zainab Hussein

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.]

Task completed 1:	1.1.1,1.2.1	dynamic modeling high level diagram	PDR accepted
Task completed 2:	1.2.1,1.2.2	static modelling high level diagram	PDR accepted
Task completed 3:	1.3.1,1.3.2	motor and motor controller system and TSV interface high level diagram	PDR accepted
Task completed 4:	1.4.1	elementary high level diagram of integrated car	PDR accepted
Task completed 5:	2.1	previous work on cruise control	conceptual understanding idea accepted by Prof. Nadovich

Delivered: PDR documentation accepted

Tasks I plan to complete next week.

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

Due 1:	1.1.3	Mathematical equation for dynamic model	Zainab
Due2:	1.2.3	Mathematical equation for Static model	Zainab
Due 3:	1.3.3	Mathematical equation for motor and motor controller I/O	Zainab
Due 4:	1.4.1-1.4.5	Mathematical equations showing cascade relations between pedal press and torque, rpm and car speed	Zainab

Proposed Changes

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

I have submitted new tasks that takes to account a model of a full car rather than just the motor and motor controller characterization. The subgoals are many, so I refer to Physics subproject WBS:

I :- (1.4, 3)

II :- (3)

III :- (3)

IV :- (3)

Overdue WBS Items

[Give consequences and a mitigation plan

For reasons stated in Proposed changes section,I had to revise my task schedule. I am on schedule though because the tasks completed this week were scheduled for a later time.