



*title pending....*



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# *Project Background*

- *There is always confusion on selection of project ideas prior to what have been done before.*
- *The evaluation of student performances is being done in a manual way i.e lecturers from different departments of the school gather together accessing the students projects.*
- *Every student at the end of the academic year is allocated a mark coherent to his/her performance from Proposal through concept developments and prototypes to the final documentation, there is no knowledge of how students have performed continually.*

# Problem Defination

- *There is no way of knowing projects that have been done before and the level to which the project were done.*
- *Students are not aware of what exactly is expected at each stage ie from proposal through concept development to their final documentations prior to presentations and presentation of their work.*
- *In contrast, the protocol used by the lectures is more prone to errors and inaccuracy which would result in students gaining / loosing marks unnecesarily.*
- *The end compilations are tiresome as they had to be done in a manual way.*
- *The end determination of marks to students requires more unnecessary time to compute ,meaning process is time consuming.*
- *It is difficult to enforce project evaluation principles and standards using the manual system.*
- *Students only get to know their performance at the very end of the year which makes it difficult for them to adjust in the middle way in the event they performed poorly in preliminary stages of their projects.*

# Project aims

- ✓ *Project aims to automate the evaluation of projects and presentations for both Hit 200 and Hit 400 in the school of IST.*
- ✓ *Enforce department regulations and standards in project assessments e.g. ensuring that every student is assessed with at least 5 lecturers and at most 7 lecturers.*
- ✓ *Provide an interactive way for students to access or receive project continuous assessment marks or any performance evaluation criteria in line with the institute regulations.*
- ✓ *Deal away with papers used by lectures which can easily be lost or spoiled and also time consuming to review them in future as you have to search for it.*
- ✓ *Provide a way of tracking projects done before and there scope in line with their level of success.*
- ✓ *Facilitate interactive feedback to students by providing them the continuos assessment marks at a defined time frame.*

# *Project methodology*

## ➤ *Prototyping (software process model)*

*developing the system in versions and parts so as to quickly to check the lecturer's, supervisors and coordinators requirements and the feasibility of some of design decisions.*

## ➤ *Extreme Programming*

*this include programming in pairs or doing extensive code review, unit testing of all code,code simplicity and clarity, expecting changes of requirements as time passes , frequent communication with the lectures,supervisors and coordinators and amongst us programmers.*

## *proposed tools*

- *web based application - front-end(html, css, javascript and or other frameworks)  
-back-end(Php5 , Mysql , mariaDb)*
- *mobile application Visual studio 2017*
- *GitHub platform and visual studio code platform for team work purposes.*

*This project is going to use free online tools such as visual studio code and etc through making it economically and technically feasible to be conducted at negligible cost.*

# *Additions & Questions*

