MCS3101
Individual Project

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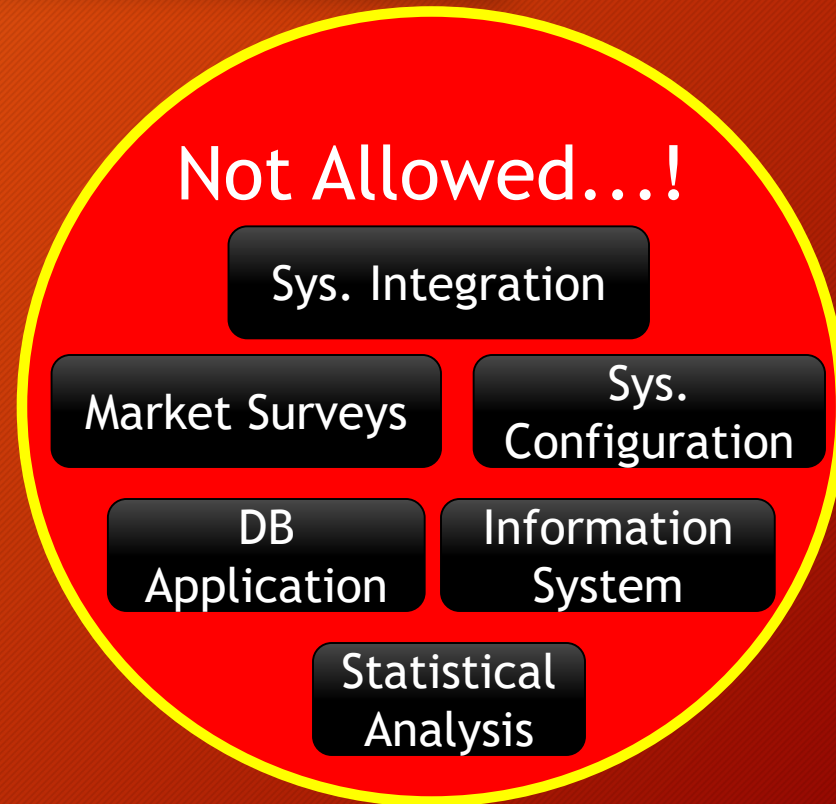
Introduction to Individual Project

&

Project Coordination Process

Presented By: P.V.K.G Gunawardana

30th April 2017

MCS 3101 – Individual Project

- CS Research
- Research is the pinnacle
- 8 Credits
- 2 Semesters – 1 Year
- 10 hours per week
- Total of 300 hours

Not Allowed…!

Sys. Integration

Market Surveys

Sys. Configuration

DB Application

Information System

Statistical Analysis

MCS 3101 – Objective

- Scientific Problem Solving in CS
- Generation of Knowledge through inventiveness
- Skills in exploring a domain and study its background
- Sharpening academic document composition and presentation

MCS 3101 – Individual Project

- Project Guidelines PDF
- Communication via PG-VLE course page
  - Milestones/ Deadlines
  - Notices/ Announcements
- At this point
  - Selection of a supervisor
  - Discuss on a project idea
  - Preparation of a project proposal

- Project Milestones (*tentative plan*)
  - Proposal Submission
  - Monthly Progress Report
  - Interim Report
  - Thesis – Supervisor Version
  - Thesis for Examination

Proposal → Interim Report → Thesis – Supervisor Version → Thesis – Final

Monthly Progress Reports

Progress Report

- Work carried out
  - What you have done since the last report
- Problems encountered
  - Problems, challenges, obstacles, etc.
- Targets that couldn't achieve
  - What you couldn't do as planned and reasons
- Work plan till next report
- Supervisor's signature and comments

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Interim Report

- Four Main Chapters
  - Introduction
  - Background (Literature Review)
  - Problem Analysis/ Your Approach/ Methodology
  - Progress & Project Plan

  * - Formatting details will be provided via PG-VLE

Introduction : Interim Report

- General introduction to the domain and the problem
- Identification of the Problem
- Motivation
- Goals/Objectives
- Scope

Background: Interim Report

- Problem identification
- Should be focused and concise
- How does it relate to the problem?
- Up-to-date references
- Proper citation

Analysis : Interim Report

- Your approach to the solution
- Identification of essential elements
- Conceptualizing your ideas/approach

Progress : Interim Report

- What have you achieved to date ?
- Any deviations from the original topic ?
- Is the time plan realistic ?
- Is the scope well defined ?
- How do you evaluate your research ?
- Has sufficient time been allocated for thesis writing ?
- Difficulties, challenges, obstacles, etc.
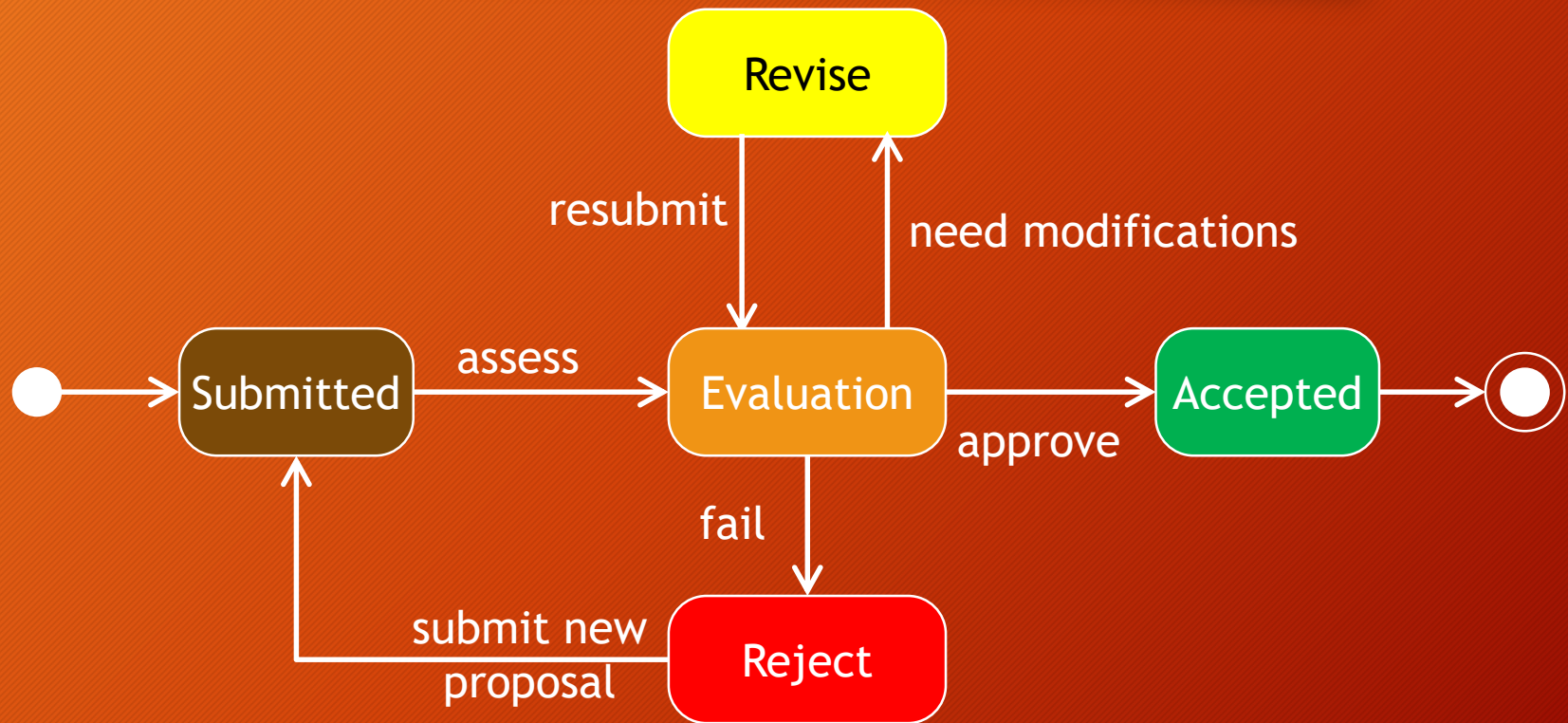
Important

- Referencing – Use of proper/ standard referencing scheme
  - Ex. IEEE Referencing Style
- Follow a proper formatting guideline
- Plagiarism – A serious offence
- Always think evaluation of your research work

Possible Results

- **Pass -** The student has satisfied all the requirements to pass the project component (Thesis & Viva). Those who have passed the project can submit the final HARD BOUND Dissertation copies on the stipulated date on VLE.

- **Re-Viva -** The student has failed in the Viva component, and those students have to face another viva conducted by the panel on another occasion. There will be a fee for the Re-viva category.

- **Re-Thesis -** The student has failed in the Thesis component. Need to improve the thesis before submitting again for thesis evaluation before the announced period. There will be a fee for the Re-Thesis category.

- **Fail -** The student have failed the project and need to resubmit with the **next batch**.

Grade Calculation

Category	Thesis	Viva
Pass	Earned Mark	Earned Mark
Re-Thesis	Max 'C' Grade	Earned Mark
Re-Viva	Earned Mark	Max 'C' Grade
Re-Thesis & Re-Viva	Max 'C' Grade	Max 'C' Grade

Deadlines – Tentative

Milestone	Deadline for the submission
Project Proposal	20th May, 2017
Progress Report 1	27th May, 2017
Progress Report 2	24th June, 2017
Progress Report 3	29th July, 2017
Progress Report 4	30th September, 2017
Interim Report	
Progress Report 5	28th October, 2017
Progress Report 6	25th November, 2017
Progress Report 7	30th December, 2017
Progress Report 8	27th January, 2018
Thesis – Supervisor's Version	
Final Thesis	After 4th Semester Exams

Typical Dissertation Structure

- Introduction
- Background/ Literature Review
- Methodology/ Scope
- Proposed Model Details
- Evaluation/ Experiments/ Analysis
- Conclusion/ Future Work

Thank You..!

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Q & A