Title of the Project

<<Student Full Name>>

<<Student Registration Number>>

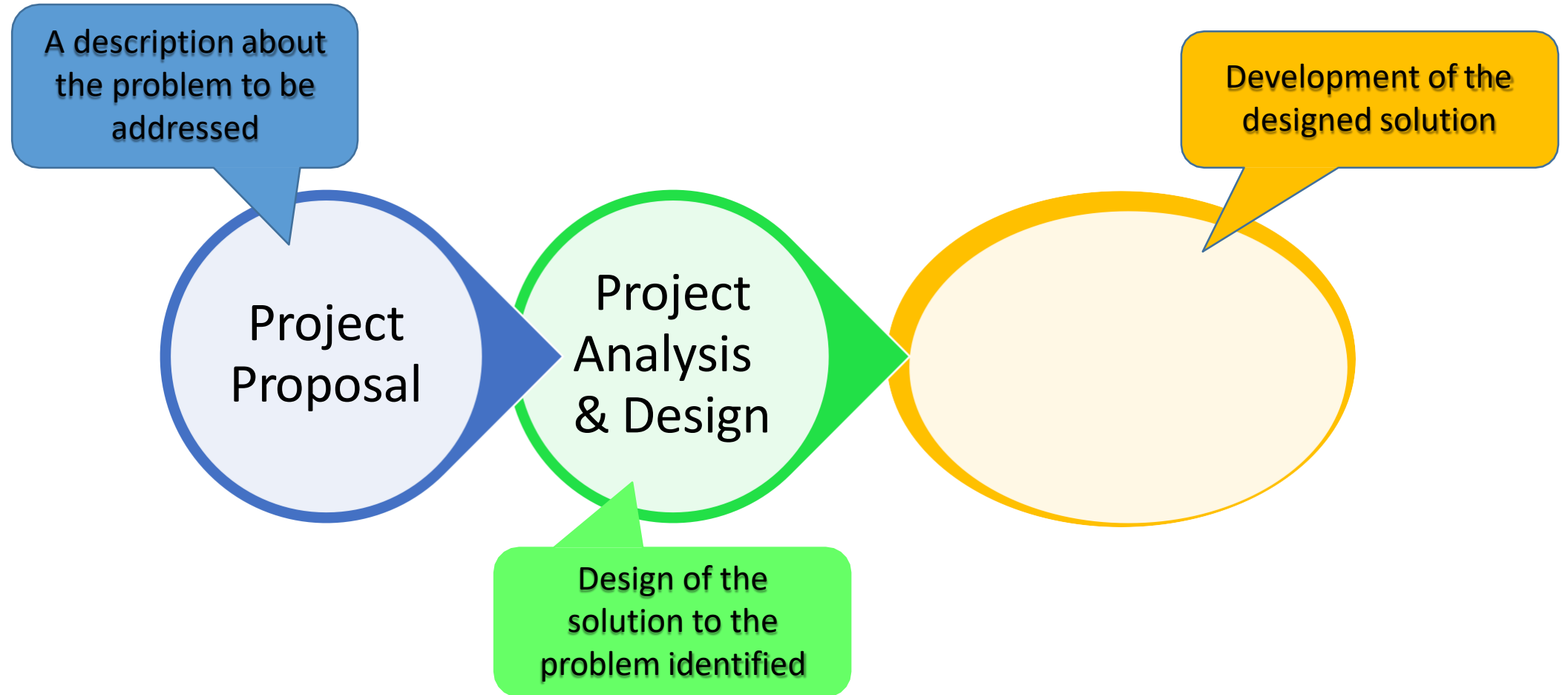**<<Name of the supervisor>>**

Outline of the Presentation

- Problem Statement
- Motivation for the Project
- Scope of the Proposed Project
- Aim and Objectives of the Proposed Project
- Resource Requirements
- Methodology for the Proposed Project
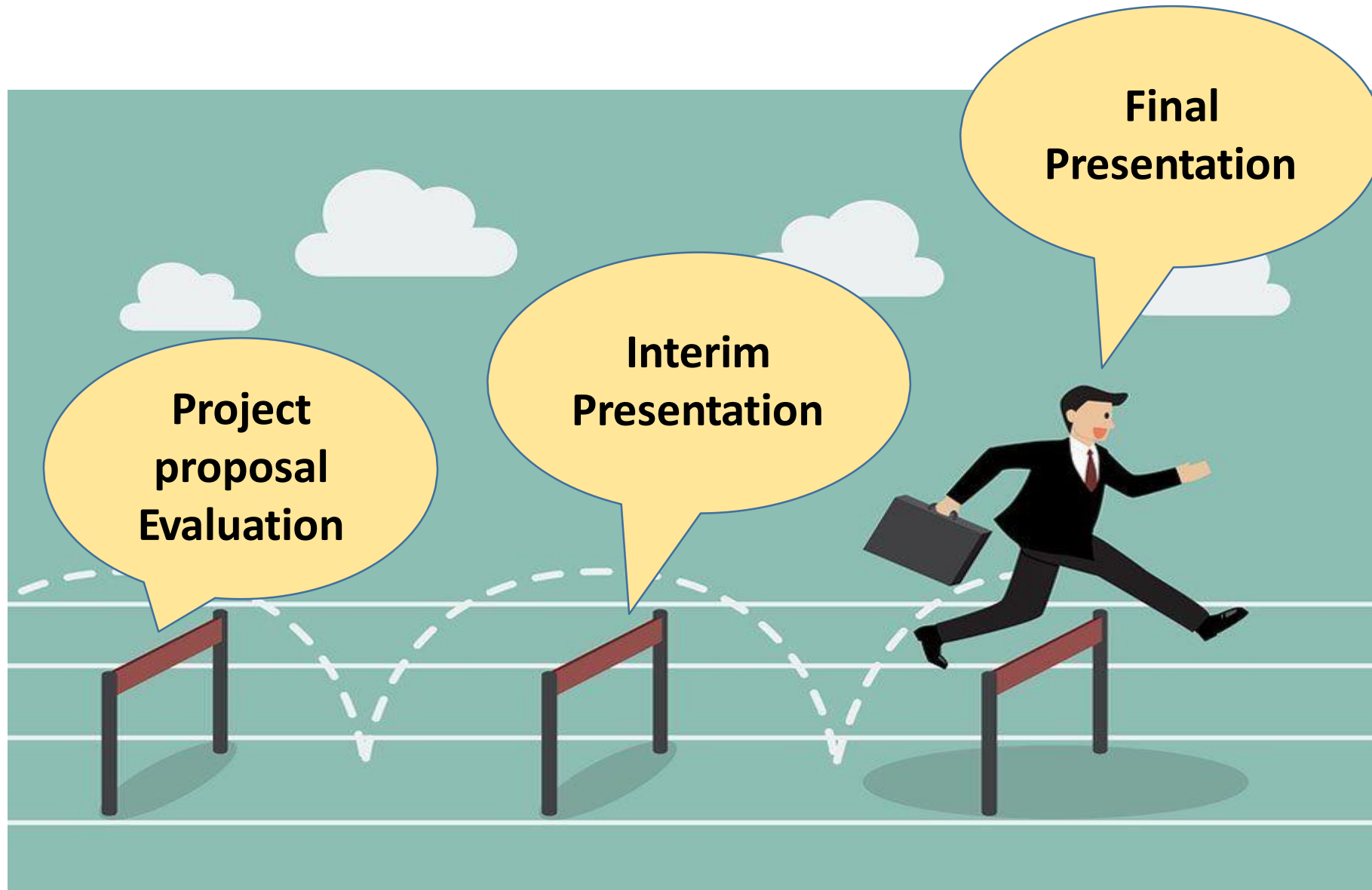- Gantt Charts
- References

How to be successful in projects

Major Project Milestones

A description about the problem to be addressed

Development of the designed solution

Project Proposal

Project Analysis & Design

Design of the solution to the problem identified

Project Evaluation

Problem Statement

- This is a concise description of an issue to be addressed or a condition to be improved upon.

- It identifies the gap between the current (problem) state and desired (goal) state of a process or product.

- Focusing on the facts, the problem statement should be designed to address the **5 W's – who, what, where, when, and why.**

Motivation for the Project

- This **presents a justification of the problem** chosen by explaining the need for research.

- This is since we are looking for **a new and novel solution.**

- This typically would be a till now **unsolved problem.**

- The **Literature review** will mention other solutions which have come **close to solving the problem.**

Scope of the Final Project

- **Unsolved or partially solved important IT related problem**, which has a reasonable challenge in finding a solution.

- The problem should be able to solve in one academic year as an individual project

Solution

- All projects are required to include the development of a product, demonstrating your ability to apply the practical skills that you have gained from the course(s).

- Some examples of **product types include: computer software, web systems, network plans and databases (network related solution) with a Dissertation.**

- The nature of the product will be agreed with the supervisor.

Scope of the project

- To define the scope, you must first identify the following things:
  - Aim(s) and Objectives
  - Major processes
  - Tasks
  - Resources
  - Deliverables

Aim and Objectives of the Project

Aim

- Many students find it difficult to understand the difference between aims and objectives.
- **Aims** are statements of intent/determined.
- They are usually written in broad terms.
- They set out **what you hope to achieve at the end of the project**.

- **Aim** = what you hope to achieve.
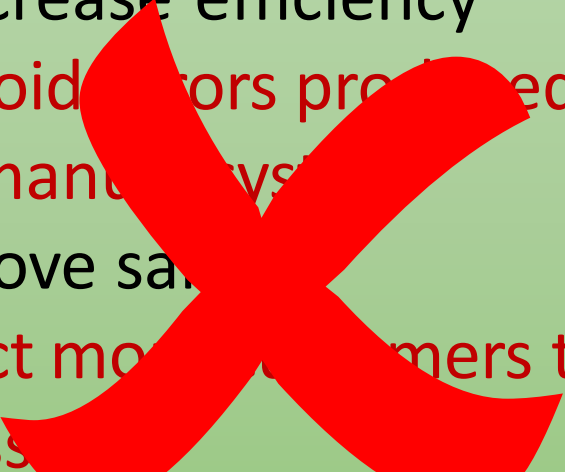
Aims and Objectives

Objectives

- Should be specific statements that define measurable outcomes,

- e.g. what steps will be taken to achieve the desired outcome.

- When writing your objectives try to use strong positive statements.

- **Objective** = the action(s) you will take in order to achieve the aim.

- **Aim**
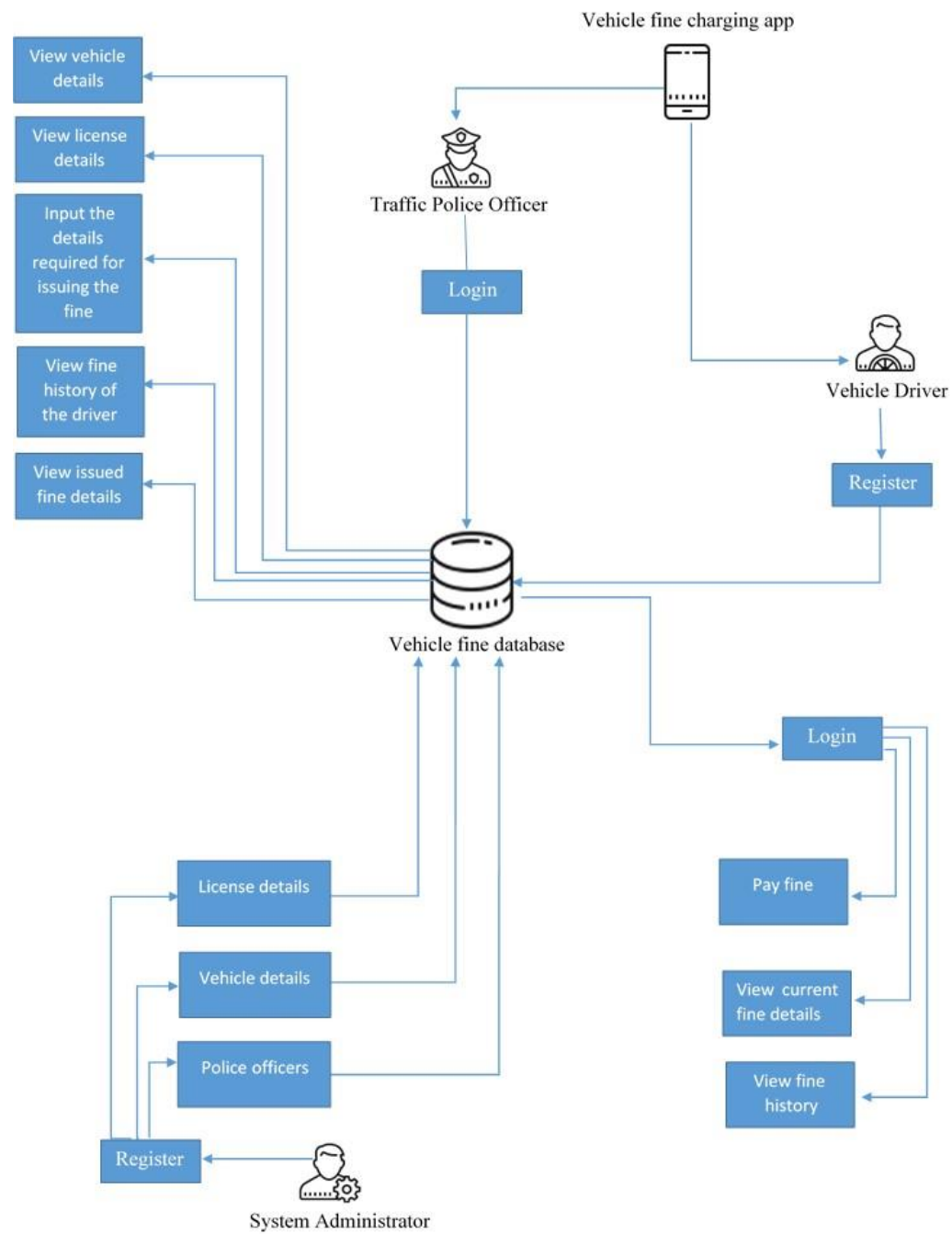 - Aim of this project is to develop a sales management system for a vehicle import & Export company

- **Objectives**

1. To increase efficiency
2. To avoid errors produced by the manual system
3. Improve sales
4. Attract more customers to business

- To design and develop dealer management sub system
- To design & implement inventory control system
- To design and develop order tracking sub systems
3. To evaluate the proposed system

Scope of the project

- **Major processes** – major processes represents major components of the solutions

- **Tasks** – tasks represent individual functionalities that should be carried out insider the major processes

- **Resources** –
    - Resources represent what infrastructure facilities required for the development of the solutions by carrying out individual tasks.
    - Generally resources required for project development are, a computer with required **hardware and software, a server, etc.**

Scope of the Proposed Project

Example:

The main scope of this project involves the development of a web based sales management system including product and category management, customer registration, as well as order processing and delivery.

It would not include online payments, but would have the capability to handle cash on delivery and other offline payment options.

Scope of the project

- **Deliverables** –
    - What would you deliver thorough out planning, designing and development phases of the project.
    - For instances, project proposals and design of the projects are project deliverables.
    - Hence a deliverable could be a report, a document, a software product, a server upgrade or any other building block of an overall project.

Methodology for the Project

- Describe the selected methodology (Ex. Waterfall, Agile Scrum etc.)
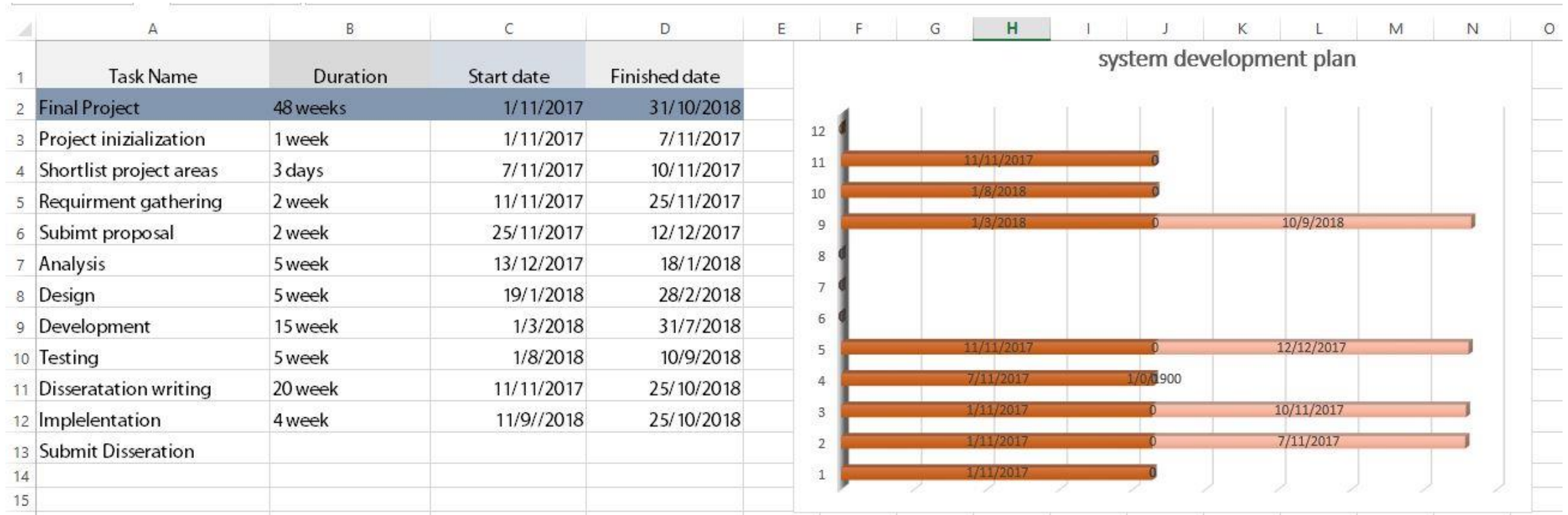- Reasons for selecting the methodology.

Technology

- You may use following techniques:
  - Databases /Data warehouses
  - Web Technology
  - Multimedia Technologies
  - Artificial Intelligence techniques
  - Hardware technologies
  - Networking
  - Security
  - Distributed technologies

Resource Requirements

Hardware Requirements	Software Requirements

Gantt Chart for the System Development

	Task Name	Duration	Start date	Finished date
1				
2	Final Project	48 weeks	1/11/2017	31/10/2018
3	Project inizialization	1 week	1/11/2017	7/11/2017
4	Shortlist project areas	3 days	7/11/2017	10/11/2017
5	Requirment gathering	2 week	11/11/2017	25/11/2017
6	Subimt proposal	2 week	25/11/2017	12/12/2017
7	Analysis	5 week	13/12/2017	18/1/2018
8	Design	5 week	19/1/2018	28/2/2018
9	Development	15 week	1/3/2018	31/7/2018
10	Testing	5 week	1/8/2018	10/9/2018
11	Disseratation writing	20 week	11/11/2017	25/10/2018
12	Implelentation	4 week	11/9//2018	25/10/2018
13	Submit Disseration			
14				
15				

Gantt Chart for Dissertation Writing

Task Name	Duration
Writing introduction Chapter	2 weeks
Writing Anlaysis chapter	3 weeks
Writing Design Chapter	2 weeks
Writing Implementation Chapter	2 weeks
Writing Evalution Chapter	3 weeks
Writing Conclusion Chapter	2 weeks
Writing Appendices,Preface Materials and hand over for Supervisor's Feedb	3 weeks
Submit the Dissertation	

References

- *If any*