

Project Skills
IT591,CS591
IT598, CS598

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Course Contents

- Project.
- Project Report or Documentation.
- Oral Presentation.



Project

Outline

- What is a project?
- Phases of a project (Project Scope)
- Problem formulation
- Group Work
- Advisor
- Format
- Deadline and Evaluation

Project

- **What is a project?**
 - Project
 - Project life cycle
 - Advantages of a project
- Phases of a project
- Problem formulation (Project Scope)
- Group Work
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- Format
- Deadline and Evaluation

What is a Project?

- It is a study
- It is a gradual changes (work) to a specific study or to an idea
- It measures student's performance within the framework of **the group** .
- Student's work is evaluated to **his or her contribution** to the project work.
- It must be written to mention changes that have occurred

Project Life Cycle

- Project selection (time, expertise of team members)
- Distribution of work among team
- Interaction between team members
- Co-operation between team members
- Advising
- Final product

Advantage Of a Project

- Practice and experience in how to work in a group



- How to search to find needed materials



Advantage Of a Project (Cont...)

- How to work within time frame (stress)



- How to use resources (time, group member, references, internet, advisor, S/W,...)

Advantage Of a Project (Cont...)

- Be aware of the consequences of choosing one method over another



Project

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Project Phases

1. Choosing your Team then your Project
 - You should have a good relationships with your team



Project Phases (Cont...)

1. Choosing your Team then your Project
 - Projects are preferable to be relevant to team expertise and interest.



- Find relevant materials to your project in order to have a general understanding.

Project Phases (Cont...)

2. Choosing a problem (Scope)

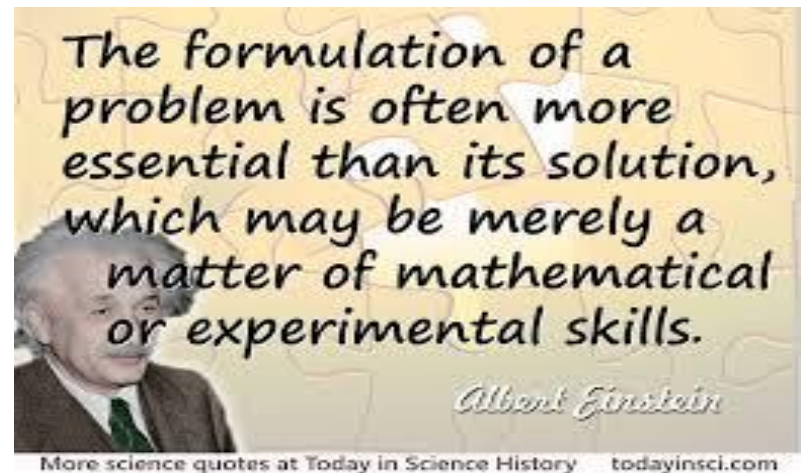
- Identifies the aspects of the project that the group wants to investigate and **name the project**



Project Phases (Cont...)

3. Problem Formulation (Problem Definition)

- Writing in a manner that limit the problem as much as possible
- The formulation should be **as precise as it can be**



Project Phases (Cont...)

4. Planning Phase



Project Phases(Cont...



4. Planning Phase

- Team leader selection
- Work Distribution relative to time frame (who does what)
- Methodology adapted
- More materials needed related to the problem
- Structure of the project

Project Phases (Cont...)

5. Completion Phase



Project Phases (Cont...)

5. Completion Phase

- Continuous evaluation of what each member in a group does
- Group should meet regularly with each other and with advisor
- If something new or unknown occur return to problem formulation and planning

Project Phases (Cont...)

6. Presentation Phase

- Project is presented through a **report**
- A good **report** is characterized by the logical coherence of the text, using examples, graphs, tables and using references (citation and reference lists)

Project Phases (Cont...)

7. Evaluation phase

- In the form of an oral presentation and answering questions
- Presenting our work (software and hardcopy)
- Mentioning Future directives