



Lab Sheet 01: Selecting a Project Topic & Writing an Introduction

Objective:

- Brainstorm and choose a small software project idea.
 - Write a short introduction describing the purpose of the project.
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Learning Outcomes:

By the end of this lab, students will be able to:

1. Identify a relevant software project topic.
 2. Clearly define the purpose and motivation of the project.
 3. Collaborate in teams to agree on a problem to solve.
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Lab Activities:

◆ Step 1: Group Formation (5 mins)

- Students form teams of **3–4 members**.
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◆ Step 2: Brainstorm Project Ideas (30 mins)

Each team should:

- Discuss 2–3 real-world problems they are familiar with.
- Narrow down to **one software project idea**.
- Consider domains like:
 - Education
 - Health



CCS3310: Software Engineering Methods

- Productivity
 - Finance
 - Social good
 - Campus-related systems
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◆ Step 3: Write a Project Introduction (30–40 mins)

Each group writes a **short paragraph (100–150 words)** including:

- **Project Title**
 - **Problem being addressed**
 - **Proposed solution (the software system)**
 - **Target users**
 - **Why this project is useful/important**
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Lab Deliverable

Each student must submit:

- Project Title (Group)
- 100–150 word Introduction paragraph

Submission Format: Final pdf document must be uploaded to LMS

Deadline: 28 / 05 / 2025