**Software Engineering Project deliverables:**

1. **Requirement study:**

* Functional Requirements
* Non-Functional Requirements
* Design Requirements

1. **Methodology:**

Propose the methodology to be used for the project as (Agile or RAD or Prototyping or Spiral or iterative) with justification.

1. **Functional Point (FP) Analysis:**

Make an estimate of the software project, including its testing in terms of functionality or function size of the software product.

1. **UML Diagrams:**

Visually represent the working of the given software system using Use case and Activity diagrams.

1. **Design - database schema:**

The logical and visual configuration of the entire database is provided. The database objects will be displayed as tables, functions, and relations.

1. **Development:**

Implement one of the modules as per the following:

- coding standard

- reusability

- modular/ optimal code

1. **Test Plan:**

Perform the following testing, generate test cases, and describe the test results.

- Black box testing

- White box testing

- Performance testing