Activity 1.

1. Executive Summary
2. Risk
   a. Risk Mitigation
   b. Implementation of Risk mitigation - In every model shows what risk does it have and how we can manage those risk
      i. Spiral/RAD/DSDM/Waterfall/Agile all models
3. *SDLC Model - explain the criteria for selection of a particular SDLC module. Explain how selection of SDLC module is important – Steps for determining the best Model for the Scenario – Make Table of [criteria | Waterfall | RAD | DDSM | Agile | Spiral]*
   Use matrices like [Good Poor, Excellent] while comparing in terms of criteria and provide relevant examples.
   a. Conclusion – write a conclusion stating the **Selection of Agile** method for Software Development
   b. Agile – Explain on the basis of the scenario why the Agile is appropriate for the context given in the Scenario.
   c. *Merits of using Waterfall in Large Projects- try provide some relevant examples from your self-research from some projects or related sectors.*
4. Conclusion.- write about things to consider while carrying out a Software Development Process briefly in a paragraph.

Activity 2

5. Feasibility Study
   a. Introduction
   b. Feasibility Report
   c. Benefits and Purposes
   d. Types of Feasibility Study.
      i. Economical
      ii. Technical
      iii. Time Schedules
      iv. Operational
      v. Social / Legal Feasibility
   e. *Components/elements of the Feasibility Report*
      i. *Project Scope*
      ii. *Current Analysis*
      iii. *Requirements*
      iv. *Approach - assessment of alternative approaches*
      v. *Evaluation*
      vi. *Review – approve/reject after studying the report and Evaluation of the report. If accepted signed and sealed, if rejected proper reasoning of rejecting the project should be documented.*
   f. Comparison of Alternative Solutions – on what basis do we compare the different solutions?
      i. Budget
      ii. Performance
      iii. Efficiency
      iv. Legacy
      v. Automation
   g. *Investigation of the solutions based on the technical solution compared.*