

Online Submission Deadline: 28th March 2025

Risk Assessment, Development & Testing

- Upload all necessary documents as a single PDF file in VTOP [Mandatory] and Moodle [optional] on or before the deadline.
- No other form of submission will be acceptable.
- If you fail to upload in VTOP on or before the deadline but successfully upload in Moodle, two penalty marks will be imposed on the secured marks.
- If you fail to upload your assignment in both VTOP and Moodle, your assignment will not be evaluated, and a ZERO (0) mark will be awarded.

Prepare a document to show the risk analysis, software architecture, project implementation and perform testing of various modules of your project.

The document should contain the following information.

- Identify and analyze the various types of risk associated with your project and mention them appropriately in the template shared in the Moodle reference section (template project risk assessment 0.xls). Identify the top 5 critical risks from your list and prepare mitigation and contingency plans for those risks and RE score using the other template shared in Moodle reference Section (AWC - Simple Risk Assessment Tool.xls).
- Prototype of all the important user interfaces and appropriate description of each interface. (Follow the user interface design guidelines while preparing the interfaces)
- Perform manual testing of various modules and submodules for your project using the appropriate template. (Note: The Sample template is provided in the Moodle reference section. Ensure the important points are presented while performing the manual testing discussed during the class and that it is appropriately performed and mentioned in the manual testing report.
- Perform Automated testing of your project using appropriate Automated Testing tools (Selenium / Appium) to test at least two modules of your project and provide the test report and sample screenshots of testing in your document.