

Assignment 3 – Final Report and Demonstration

Weight: 45%

Deadline: Should present and demonstrate on the scheduled date and time. The report should be submitted by the scheduled date and time.

Submission: Submit the report to the given link on the courseweb.

Section 1 [85%]

Presentation + viva

- Presentation and viva will be scheduled during the ITP module sessions.
- All the members of the group **MUST** participate in the presentation, and absent members will not be given an additional schedule or marks.
- The presentation should focus on the content of the **introduction chapter, evaluation chapter, and the conclusion chapter** of the report (see section 2).
- Duration of the presentation is a maximum of **3 mins** and a single member or multiple members may present. Only present a summary, including the most important points.
- The viva will follow the presentation, during or after the demonstration.

Product demonstration

- Your system should be 100% complete and should work smoothly.
- All the members of the group **MUST** participate in the presentation and demonstration. Absent members will not be given an additional schedule or marks.
- Consider the marking scheme below to understand the ways to demonstrate the prototype.
- You should not take more than **20 mins** for the complete demonstration (each member 3-4 mins).

Marking scheme

Criteria	Excellent (10)	Good (8)	Average (6)	Acceptable (4)	Unacceptable (2)
UI /UX [10%]	Visually appealing, user friendly, consistent design and navigation	Visually good, user-friendly with minor design flaws	Usable but lacks refinement in navigation, consistency, or design elements.	Designed with noticeable issues in navigation and aesthetics.	Basic design

Workflows – user stories are implemented as complete processes.	All workflows are fully implemented, logically structured, and clearly demonstrated	Most workflows are implemented well with minor structural or demonstration issues.	Some workflows are incomplete or not clearly demonstrated.	Few workflows are implemented, and those completed lack clarity or structure.	Workflows are poorly implemented or not demonstrated clearly.
Implementation of Key features	All key features provide significant business value and are fully implemented.	Key features are implemented with moderate business value.	Key features provide limited business value or have significant issues.	Few key features are implemented, and those lack substantial business value.	Key features are missing or provide no clear business value.
Fulfilment of acceptance criteria	Fully satisfies all acceptance criteria with additional enhancements or innovations.	Meets acceptance criteria with minor omissions	Partially meets acceptance criteria with significant gaps	Meets a few acceptance criteria but misses many critical elements.	Fails to meet acceptance criteria.
Integration with other Parts	Integrated with all system components and functions effectively.	Integrated well with minor issues or limitations	Integration exists but has notable issues or inconsistencies	Unable to demonstrate integration	No integration
Report generation	Generate a dynamic report without redundancies for the given criteria	Generates a dynamic report for the given criteria	Generates a report for the specified criteria	Generates a report but not so meaningful	No reports

Section 2 – Final Report [15%]

Complete the report considering the following aspects.

2.1 Report structure

The report may contain the following sections.

- Pre-body section
 - Title page – Refer to the appendix 1
 - Declaration – Refer to the appendix 2
 - Abstract – A summary of the entire body section (maximum 1 page)

- Acknowledgement – Acknowledge all the parties who supported (maximum 1 page)
 - Table of contents – Recommend to generate the ToC using the MS Word's tool
 - List of Tables – Recommend to generate the LoT using the MS Word's tool
 - List of Figures – Recommend to generate the ToF using the MS Word's tool
 - List of abbreviations – Sort them alphabetically
- The main body – Organize the content according to the chapters listed. Sufficient description should be provided and diagrams to support. *Page count should be between 30 and 40.*
- **Chapter 1. Introduction**
 - Background
 - Problem and motivation
 - Literature review – If the section is longer than a page, make the literature review a main chapter to discuss everything and only include a summary here.
 - Aim and objectives
 - Solution overview
 - Methodology
 - The structure of the report – Try to provide an understanding of the flow of the rest of the report.
 - A clickable link to the Git repo
 - **Chapter 2. Requirements** – Stakeholder analysis, requirements analysis, requirements modeling.
 - **Chapter 3. Design and Development** – The contents are supported with diagrams of components, processes, workflows, databases, and development aspects.
 - **Chapter 4. Testing** – Acceptance criteria and main test cases with results.
 - **Chapter 5. Evaluation and Conclusion** – evaluate with test results and/or user/expert feedback. Conclude how the objectives are met, and the aim is achieved.
 - **References** – Recommend to use a referencing tool to cite the references and generate the references list.

NOTE: You may decide the names and number of chapters in your report. If there is less content (1-2 pages) in a chapter you may merge the content with another chapter or if a chapter is too long (more than 3-4 pages) you may split it into two different chapters.

- **Post-body section**
 - Appendix A(1-2 pages): A table containing the work done by each member
 - Appendix B(1 page): Contribution made to the final report by each member
 - Appendix C (if any) – If there are any appendices, make sure to refer to them in the body. See the appendices section of this document and identify how are they referred within the document. Recommend to have main content in the main chapters and additional supporting content in the appendix C.

2.2 Report formatting

- General formatting
 - Page size: A4
 - Margins: default margins
 - Normal font: Times New Roman
 - Normal font size: 11
 - Line spacing: Multiple at 1.2
 - Paragraph alignment: Justify
 - Page numbering: On the center of the footer. Refer to the other formatting sections below for more page numbering formats.
 - All the figures and tables should use proper captions. Make sure to use specific names rather than generic names. For example, use “Sequence diagram of login process” instead of “Sequence diagram”.
 - Table captions should be placed before the table and the figure captions should be placed after the figure.
 - Figures and tables should be numbered based on the chapter number, starting from 1 in each chapter. For example, the number of the first figure in the chapter 3 should be “Figure 3.1: ”.
 - Make sure the text size in the figures is close to the paragraph text size, thus, they are readable.
- Headings (Use the styles in MS Word)
 - Section/Chapter heading (Heading 1): 16, Bold, Center, Lower border
 - Sub-section level 1 headings (Heading 2): 12, Bold, Underlined, left aligned
 - Sub-section level 2 headings (Heading 3): 11, Bold, Underlined, left aligned
 - Use proper multi-level Arabic numbering
- Pre-body section
 - Title page – May use a border only on the title page. Do not include a page number. Refer to the sample title page in appendix 1.
 - Page numbering should be included from the page next to the title page. Start the page numbering from i (one, in lower case roman numbering)
- Body section
 - Include page numbering from the first page of the first chapter. Restart page numbering from Arabic 1.
 - Include the chapter number and name on the right-side of the page header except the first page of the chapter (you need to use proper section breaks to do this).
- Post-body section
 - Restart page numbering from I (uppercase roman numbering)

Marking scheme for the report

- **NOTE:** The report mark is a group mark.
- **NOTE:** The marking criteria focus on the content of the report. The content should be included in proper chapters based on the structure of your report. The contents should have sufficient details specific to the your work.

Content	Marks
Introduction	15%
Requirements	10%
Design	15%
Development	10%
Testing	10%
Evaluation	15%
Conclusion	10%
References and citations	5%
Followed the given format. Clarity and format	10%
Total	100 %

Appendices

Appendix 1 – Title page

Title page should include the details below.

- The Title of the Project
- Logo and Name of this Institute (Sri Lanka Institute of Information Technology)
- Module code and name
- Group ID
- Project Team members' names and IDs
- Month of submission

Refer to the next page for a sample title page.

Topic

Final Project Report



Sri Lanka Institute of Information Technology
IT2080 Information Technology Project

Group ITP_Wx_Bx_12

October 202x

Appendix 2 – Declaration

Declaration

This project report is our original work and the content is not plagiarized from any other resource. References for all the content taken from external resources are correctly cited. To the best of our knowledge, this report does not contain any material published or written by third parties, except as acknowledged in the text.

Authors:

<u>Author SID</u>	<u>Author name</u>	<u>Signature</u>
ITXXXXXX	Member1 name
ITXXXXXX	Member2 name
ITXXXXXX	Member3 name
ITXXXXXX	Member4 name
ITXXXXXX	Member5 name
ITXXXXXX	Member6 name
ITXXXXXX	Member7 name
ITXXXXXX	Member8 name

Date:.....