



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Faculty of Engineering, Built Environment and Information Technology

Fakulteit Ingenieurswese, Bou-omgewing en  
Inligtingtegnologie / Lefapha la Boetšenere,  
Tikologo ya Kago le Theknolotši ya Tshedimošo

Department of Informatics

INF 370

Lecture 5: Discussion class on  
Deliverables 5, 6 & 7– Internal  
Tested System, System  
Documentation & Project Repository

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# Discussion Class

## Topics covered:

- Deliverable 3 & 4 – Prototype & Technical Specification (Feedback)
- Deliverable 5 – Internal Tested System
  - Purpose
  - Marksheet
- Deliverable 6 – System Documentation
  - Purpose
  - Marksheet
- Deliverable 7 – Web Repository (add Deliverables 2, 3, 4 & 6)



# Feedback on Deliverables 3 & 4 – Prototype & Technical Specification

## The Deliverable:

- Remember that all the diagrams you draw to design the system should tell the same story – including the screens. They should provide the necessary technical details to “tell” the developers **HOW** to design the system – they should “take hands”, elaborate on details and support “each other”.
- When you write the narrative, you must provide technical detail on what data should be on the screen (what must it look like - design), where will the data come from (the system user or the specific attributes in the ERD tables) and how should it work.
- Think from the perspective of the user: How easy will it be for the user to use the system? What should they see on the screen (to assist them) for them to be able to use the system? Will they still have to make use of a pen and piece of paper to write down information to assist them when they use your system or are you guiding them properly with what you show them?
- Read the mark sheet – and consult with us if you’re unsure.
- Think for yourself – don’t just copy previous groups’ work (DB Size Estimation; Hardware/Software Specs; Test Scenario’s)
- Not all diagrams (especially the narrative & ERD) and screen designs tie up! Make sure that this is the case for the next deliverable!



# Purpose of Deliverable 5 (Internally Tested System)

The purpose of this deliverable is to give a demo of your version of the final working system – thoroughly tested by yourselves!

- Note: the required complexity for this deliverable is limited to 130 for groups of 5 and 100 for groups of 4.
- It will again be a workshop:
  - Use your rich picture to give a short overview and recap of your system.
  - Make sure that everything ties up between the system (Del 5); and the system documentation (Del 6) – all previous deliverables (from requirements to technical spec).
  - We will check your system against the signed-off requirements for functionality.
  - We will mark your complexity to see whether your final mark needs adjustment.
- 1 Hour sessions (only one group per session)
- You will have to submit your source code on Google Drive (in a .zip file)
- See the marksheet and complexity matrixes for this deliverable on clickUP.



# Purpose of Deliverable 6 (System Documentation)

The purpose of this deliverable is to provide a clear set of documentation up to now.

- Apart from what is extra documentation as set out in the marksheet for Del 6 (see the marksheet for Del 6 on clickUP), you will have to hand in a **full set of system documentation** (i.e., complete documents for all previous deliverables) to support the internally tested system during the workshop.
- Final system requirements and complexity matrix also to be submitted separately so that it's easily accessible during the workshop.



# Purpose of Deliverable 7 (Project Repository)

<http://archive-inf370.up.ac.za/> = OLD projects

<http://archive-inf370.up.ac.za/> = THIS YEAR'S projects  
(for now - please complete your Wix website – we will send you uploading instructions to the INF370 Repository as soon as it's available)

- The purpose of this deliverable is to provide a complete static web site that contains all information of each of your deliverables (at this point up to Del 6).
- Note: It also needs to be updated with deliverables 8 & 9 before project day marks will be released.
- This repository is the display window of the system, and therefore you must make sure that it is of a high quality – professionalism is very important.
- For this deliverable, please develop a website (using the Wix website builder). You will have to upload the contents of your website to the repository as soon as it's possible - for the moment we will have to mark it from Wix.
- Website to be ready on Wix on or before the hand in time on Thursday the 2<sup>nd</sup> of September (Hand-in a .pdf with the link to your Wix Website on it)

# WIX.com

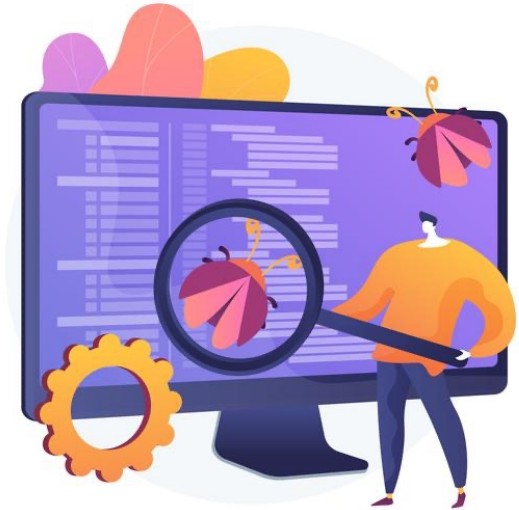


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## Deliverable 2: Marksheets

There are 4 marksheets for Del 5, 6 & 7:

1. Del 5 (Internal tested system)
2. Complexity marksheet (adjusted for Del 5)
3. Del 6 (Systems Documentation)
4. Del 7 (Project Repository = Wix website)



# Assessment of the Project

Del.	Description	Learning outcomes	Deadline	Presentation	Documentation	Deliverable	Project Management	Other	Mark Total	Weight contribution (%)	Contribution to final mark
1	Project Proposal	1, 4 & 6	1	10	35	200	10		255	4	60% Year mark
2	Functional Specification	1, 2, 4, 5 & 6	2	10	35	100	10		155	10	
3	Prototype	1 - 7	3			30			30	8	
4	Technical Specification	1 - 7	3	15	35	225	10		285	11	
5	Internal Tested System	1 - 7	4	10		100	10		120	12	
6	System Documentation	1 - 7	4		100				100	3	
7	Project Repository (Web page)	4, 6 & 7	1-5			30			30	3	
	Throughout: Peer evaluation	4	1-5					100	100	5	40% Exam
	BA Bot contributions	1 - 7	-					100	100	4	
8	Final System	1 - 7	5			100			100	30	
9	User Documentation	4, 6 & 7	5		50				20	4	
10	System Video	4, 6 & 7	6	50					50	3	
11	Project Day	4 & 6	6			100			100	3	





# Possible questions?

## Deadline Deliverable 5, 6 & 7:

- 2 September 2021
- Before 8:00
- Google Drive

## Other actions due:

- A Google Meet Mentor session will be arranged by Ndlali – they will send you the invite – please attend.
- Google Forms to submit BABOT Contributions for Del 0 – 4 will be posted on clickUP (keep an eye on the announcements)
- Google Form for peer evaluation for Dels 3 & 4 will be posted on clickUP (keep an eye on the announcements)

