

# GROUP ASSESSMENT ITEM COVER SHEET

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Course Code	Course Title
S F N G 2 0 5 0	Web Engineering
(Example)	(Example)
A B C D 1 2 3 4	Intro to University

Campus of Study: Callaghan (eg Callaghan, Ourimbah, Port Macquarie)

Assessment Item Title: Assignment 3 - Documentation and Plan Due Date/Time: 26/5/19

Tutorial Group (If applicable):  Word Count (If applicable):

Lecturer/Tutor Name:

Extension Granted: ☐ Yes ☒ No Granted Until:

Please attach a copy of your extension approval

**NB: STUDENTS MAY EXPECT THAT THIS ASSIGNMENT WILL BE RETURNED WITHIN 3 WEEKS OF THE DUE DATE OF SUBMISSION**

Please tick box if applicable

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## SENG2050 – Assessment 3 – Documentation and Plan

Authors: Simeon Pento (c3282938), William Paterson (c3280751) & Lachlan McRae (c3283344)

Use Case Descriptions: William Paterson

Login	
MAIN ACTORS:	<ul style="list-style-type: none"><li>• <i>Users</i></li><li>• <i>Staff</i></li></ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"><li>• <i>System</i></li></ul>
DESCRIPTION:	The <i>Actor</i> is logged into the <i>System</i>
BASIC FLOW:	<ol style="list-style-type: none"><li>1. <i>Actor</i> enters username and password</li><li>2. <i>Actor</i> clicks login</li><li>3. <i>System</i> authenticates login information</li><li>4. <i>Actor</i> is redirected to main page</li></ol>
ALTERNATIVE FLOW:	<p>4a. <i>System</i> determines if <i>Actor</i> is <i>Staff</i></p> <ul style="list-style-type: none"><li>• <i>System</i> sets User Type as staff member</li></ul> <p>4b. <i>System</i> fails to authenticate <i>Actor</i></p> <ul style="list-style-type: none"><li>• <i>Actor</i> is informed login information is wrong</li><li>• Login page is reloaded</li></ul>
PRE-CONDITION	<ul style="list-style-type: none"><li>• Page is loaded</li></ul>
POST-CONDITION	<ul style="list-style-type: none"><li>• <i>Actor</i> is logged in</li></ul>

View Specific Report	
MAIN ACTORS:	<ul style="list-style-type: none"><li>• <i>Users</i></li><li>• <i>Staff</i></li></ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"><li>• <i>System</i></li></ul>
DESCRIPTION:	A specific report is displayed
BASIC FLOW:	<ol style="list-style-type: none"><li>1. <i>Actor</i> selects report</li><li>2. <i>System</i> finds report</li><li>3. Report is displayed to <i>Actor</i></li></ol>
ALTERNATIVE FLOW:	<p>2a. No report exists</p> <ul style="list-style-type: none"><li>• <i>System</i> informs <i>Actor</i> of error</li><li>• <i>Actor</i> is redirected to main page</li></ul>
PRE-CONDITION	<ul style="list-style-type: none"><li>• Page is loaded</li><li>• <i>Actor</i> is logged in</li></ul>
POST-CONDITION	<ul style="list-style-type: none"><li>• A specific report is displayed</li></ul>

View Open Reports	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> <li>• <i>Staff</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	Any open reports are displayed
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>System</i> retrieves open reports</li> <li>2. Reports are displayed to <i>Actor</i> in a table</li> </ol>
ALTERNATIVE FLOW:	1a. No reports exist <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> no reports exist</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• Open Reports are shown</li> </ul>

View Knowledge Base	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> <li>• <i>Staff</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	All Completed reports are displayed
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>System</i> retrieves completed reports</li> <li>2. Reports are displayed to <i>Actor</i> in a table</li> </ol>
ALTERNATIVE FLOW:	1a. No reports exist <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> no reports exist</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• Completed Reports are shown</li> </ul>

Add Comment	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> <li>• <i>Staff</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	Allows actors to add comments to reports
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> selects report</li> <li>2. <i>Actor</i> clicks on add comment</li> <li>3. <i>System</i> redirect to add comment page</li> <li>4. <i>Actor</i> enters comment details</li> <li>5. <i>Actor</i> clicks submit</li> <li>6. <i>System</i> add comment to report database</li> <li>7. <i>Actor</i> is redirected to main page</li> </ol>
ALTERNATIVE FLOW:	1a. No report exists <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• A comment is added to a specific report</li> </ul>

Mark Error Report as Completed	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Staff</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	A specific report is marked as completed
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> selects report</li> <li>2. <i>Actor</i> marks report as completed</li> <li>3. <i>System</i> updates report status</li> <li>4. <i>Actor</i> is redirected to main page</li> </ol>
ALTERNATIVE FLOW:	1a. No report exists <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• A specific report is marked as completed</li> </ul>

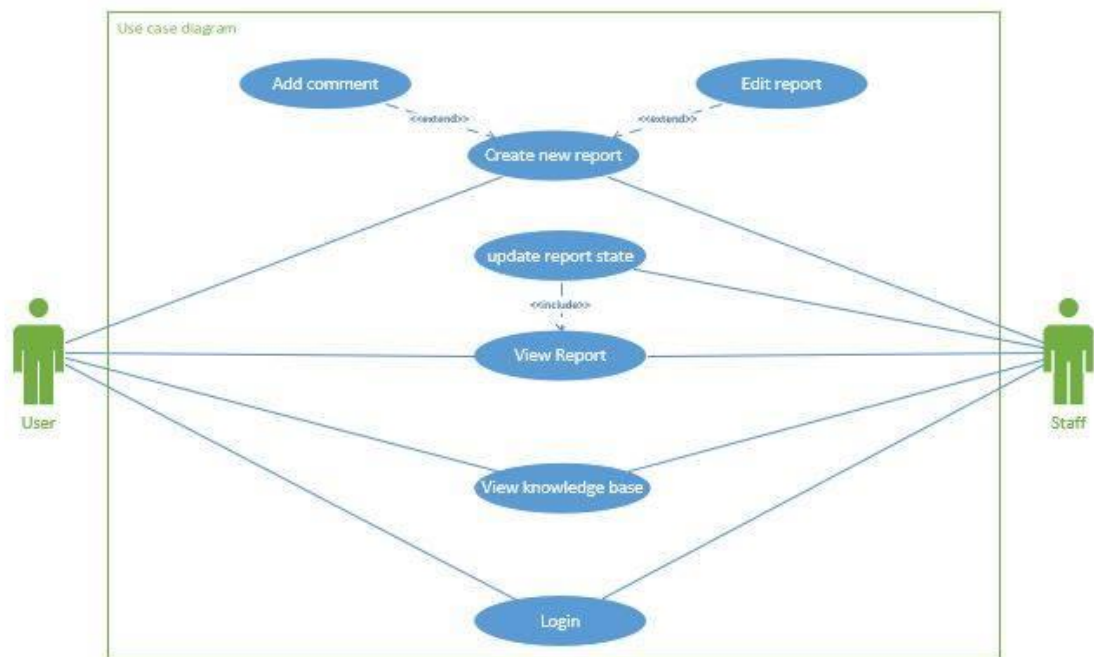
Accept Marked as Completed Error Report	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	Actor can accept or deny error completion
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> selects report</li> <li>2. <i>System</i> informs <i>Actor</i> report has been marked as completed</li> <li>3. <i>Actor</i> can then click accept or deny</li> <li>4. <i>System</i> updates status of report</li> <li>5. <i>Actor</i> will be redirected to main page</li> </ol>
ALTERNATIVE FLOW:	1a. No report exists <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• Error report is accepted or denied</li> </ul>

Add to Knowledge Base	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Staff</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	Add a completed report to the knowledge base
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> opens completed report</li> <li>2. <i>Actor</i> clicks to add to Knowledge Base</li> <li>3. <i>System</i> informs <i>Actor</i> report was added</li> <li>4. <i>Actor</i> is redirected to main page</li> </ol>
ALTERNATIVE FLOW:	3a. <i>Actor</i> clicks do not add to Knowledge Base <ul style="list-style-type: none"> <li>• <i>Actor</i> is redirected to main page</li> </ul>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Report is marked as completed</li> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• A report is added to Knowledge base</li> </ul>

Submit New Error Report	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	A new error report is submitted
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> is asked to enter details of error</li> <li>2. <i>Actor</i> clicks submit</li> <li>3. <i>System</i> validates details</li> <li>4. Entered details are entered into the database by the <i>System</i></li> <li>5. <i>System</i> informs <i>Actor</i> details were successful entered</li> <li>6. <i>Actor</i> is redirected back to main page</li> </ol>
ALTERNATIVE FLOW:	<ol style="list-style-type: none"> <li>2a. <i>Actor</i> clicks clear <ul style="list-style-type: none"> <li>• All entered details are cleared</li> <li>• Page is reloaded</li> </ul> </li> <li>3a. Details are invalid <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul> </li> <li>4a. <i>Actor</i> attaches a file <ul style="list-style-type: none"> <li>• <i>System</i> stores the file</li> </ul> </li> <li>5a. Error adding details to database <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul> </li> </ol>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• A new report is submitted</li> </ul>

Edit Error Report	
MAIN ACTORS:	<ul style="list-style-type: none"> <li>• <i>Users</i></li> </ul>
SECONDARY ACTORS:	<ul style="list-style-type: none"> <li>• <i>System</i></li> </ul>
DESCRIPTION:	Allows Actors to edit reports
BASIC FLOW:	<ol style="list-style-type: none"> <li>1. <i>Actor</i> edits details</li> <li>2. <i>Actors</i> clicks submit</li> <li>3. <i>System</i> validates details are</li> </ol>
ALTERNATIVE FLOW:	<ol style="list-style-type: none"> <li>2a. No report exists <ul style="list-style-type: none"> <li>• <i>System</i> informs <i>Actor</i> of error</li> <li>• <i>Actor</i> is redirected to main page</li> </ul> </li> </ol>
PRE-CONDITION	<ul style="list-style-type: none"> <li>• Page is loaded</li> <li>• <i>Actor</i> is logged in</li> </ul>
POST-CONDITION	<ul style="list-style-type: none"> <li>• A specific report is edited</li> </ul>

## Use Case Diagram: William Paterson



## Navigation Models: Lachlan McRae

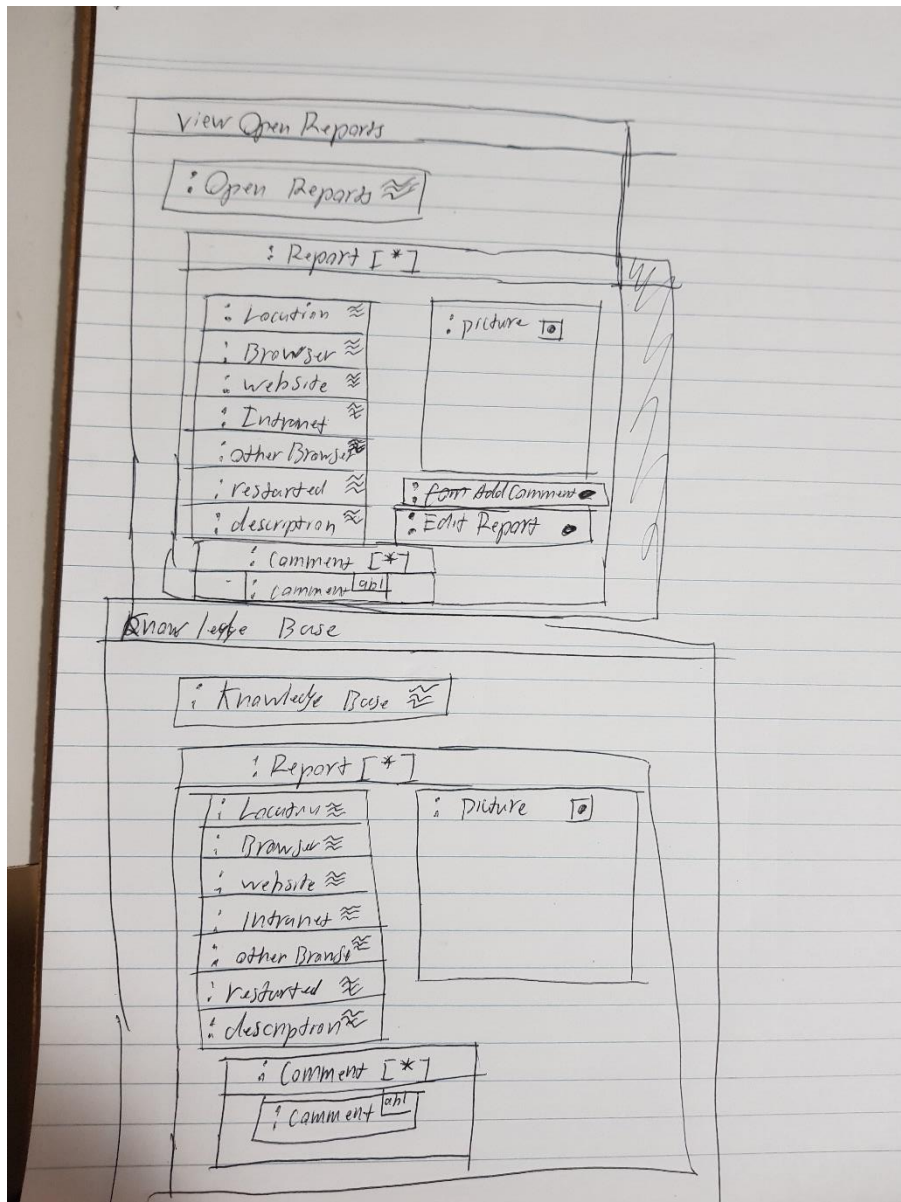


## Presentation Models: Lachlan McRae

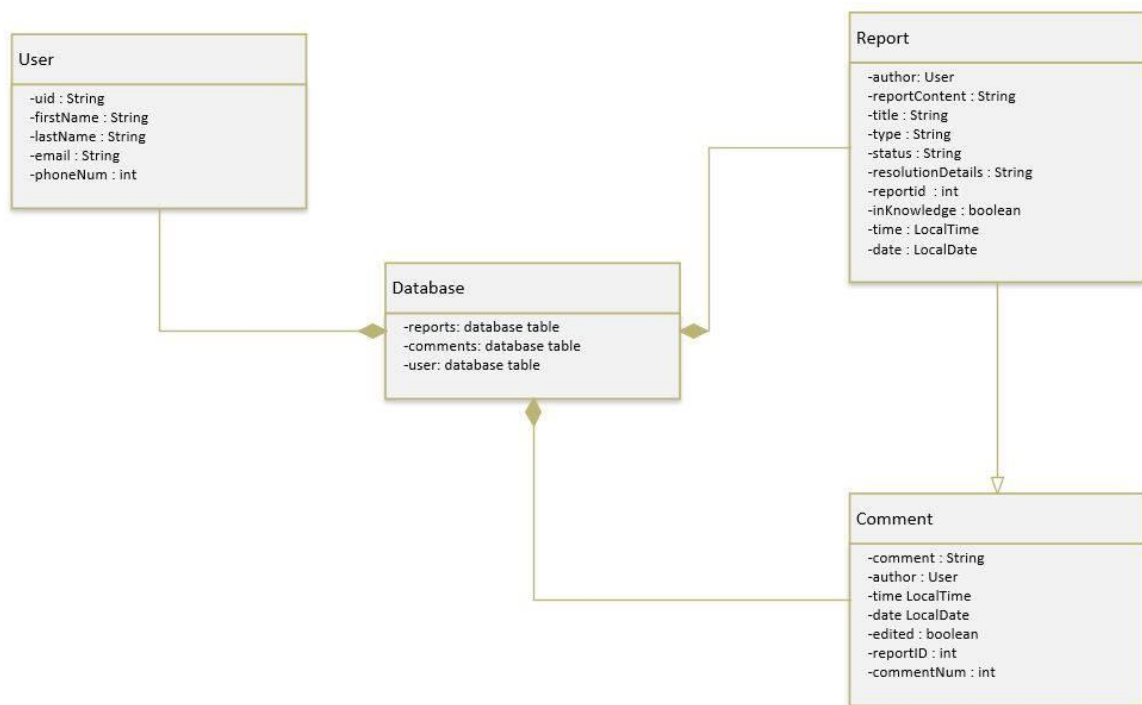
The image displays four hand-drawn wireframes for a web application, arranged in a 2x2 grid. Each wireframe represents a different screen with its respective fields and controls.

- Login**
  - Fields: Username, password
  - Control: Submit
- Create Report**
  - Form titled "Report" with fields: Location, Browser, Website, Intranet, Other Browsers, Restarting, description, picture
  - Control: Submit
- Home**
  - Buttons: Knowledge Base, Create Report, view Reports Open
- Edit Report**
  - Form titled "report" with fields: Location, Browser, Website, Intranet, Other Browsers, Restarting, description, picture
  - Control: Submit

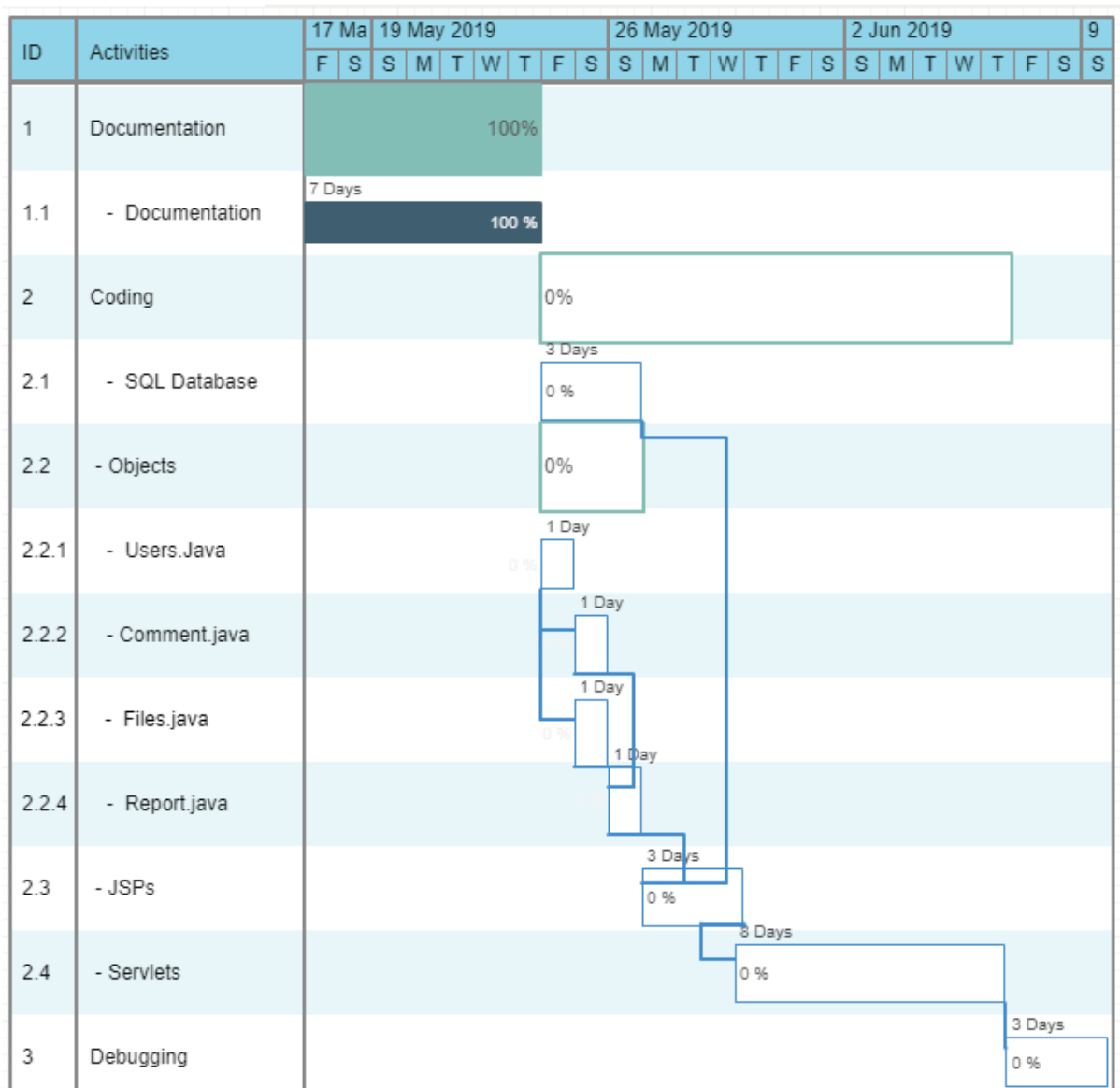




## Content Model: Simeon Pento



## Development Plan: Simeon Pento



### Project Breakdown:

- William:
  - o SQL Database
  - o Servlets
- Simeon:
  - o Java Beans / Objects
  - o JSPs
  - o Servlets
- Lachlan
  - o Servlets
  - o Final debugging