

GROUP ASSESSMENT ITEM COVER SHEET

Student Numbers:	Emails:	FIRST NAMES	FAMILY / LAST NAMES
3 2 8 2 9 3 8	c3292938@uon.edu.au	Simeon	Pento
3 2 8 0 7 5 1	c3280751@uon.edu.au	William	Paterson
3 2 8 3 3 4 4	c3283344@uon.edu.au	Lachlan	McRae

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

☐ Students within the Faculty of Business and Law, Faculty of Science, Faculty of Engineering and Built Environment and the School of Nursing and Midwifery: We verify that we have completed the online Academic Integrity Module and adhered to its principles.

☐ Students within the School of Education: We understand that a minimum standard of correct referencing and academic literacy is required to pass all written assignments in the School of Education; and we have read and understood the School of Education Course Outline Policy Supplement, which includes important information related to assessment policies and procedures.

We declare that this assessment item is our own work unless otherwise acknowledged and is in accordance with the University's [Student Academic Integrity Policy](#)

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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">• <i>Users</i>• <i>Staff</i>
SECONDARY ACTORS:	<ul style="list-style-type: none">• <i>System</i>
DESCRIPTION:	The <i>Actor</i> is logged into the <i>System</i>
BASIC FLOW:	<ol style="list-style-type: none">1. <i>Actor</i> enters username and password2. <i>Actor</i> clicks login3. <i>System</i> authenticates login information4. <i>Actor</i> is redirected to main page
ALTERNATIVE FLOW:	<p>4a. <i>System</i> determines if <i>Actor</i> is <i>Staff</i></p> <ul style="list-style-type: none">• <i>System</i> sets User Type as staff member <p>4b. <i>System</i> fails to authenticate <i>Actor</i></p> <ul style="list-style-type: none">• <i>Actor</i> is informed login information is wrong• Login page is reloaded
PRE-CONDITION	<ul style="list-style-type: none">• Page is loaded
POST-CONDITION	<ul style="list-style-type: none">• <i>Actor</i> is logged in

View Specific Report	
MAIN ACTORS:	<ul style="list-style-type: none">• <i>Users</i>• <i>Staff</i>
SECONDARY ACTORS:	<ul style="list-style-type: none">• <i>System</i>
DESCRIPTION:	A specific report is displayed
BASIC FLOW:	<ol style="list-style-type: none">1. <i>Actor</i> selects report2. <i>System</i> finds report3. Report is displayed to <i>Actor</i>
ALTERNATIVE FLOW:	<p>2a. No report exists</p> <ul style="list-style-type: none">• <i>System</i> informs <i>Actor</i> of error• <i>Actor</i> is redirected to main page
PRE-CONDITION	<ul style="list-style-type: none">• Page is loaded• <i>Actor</i> is logged in
POST-CONDITION	<ul style="list-style-type: none">• A specific report is displayed

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

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

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

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

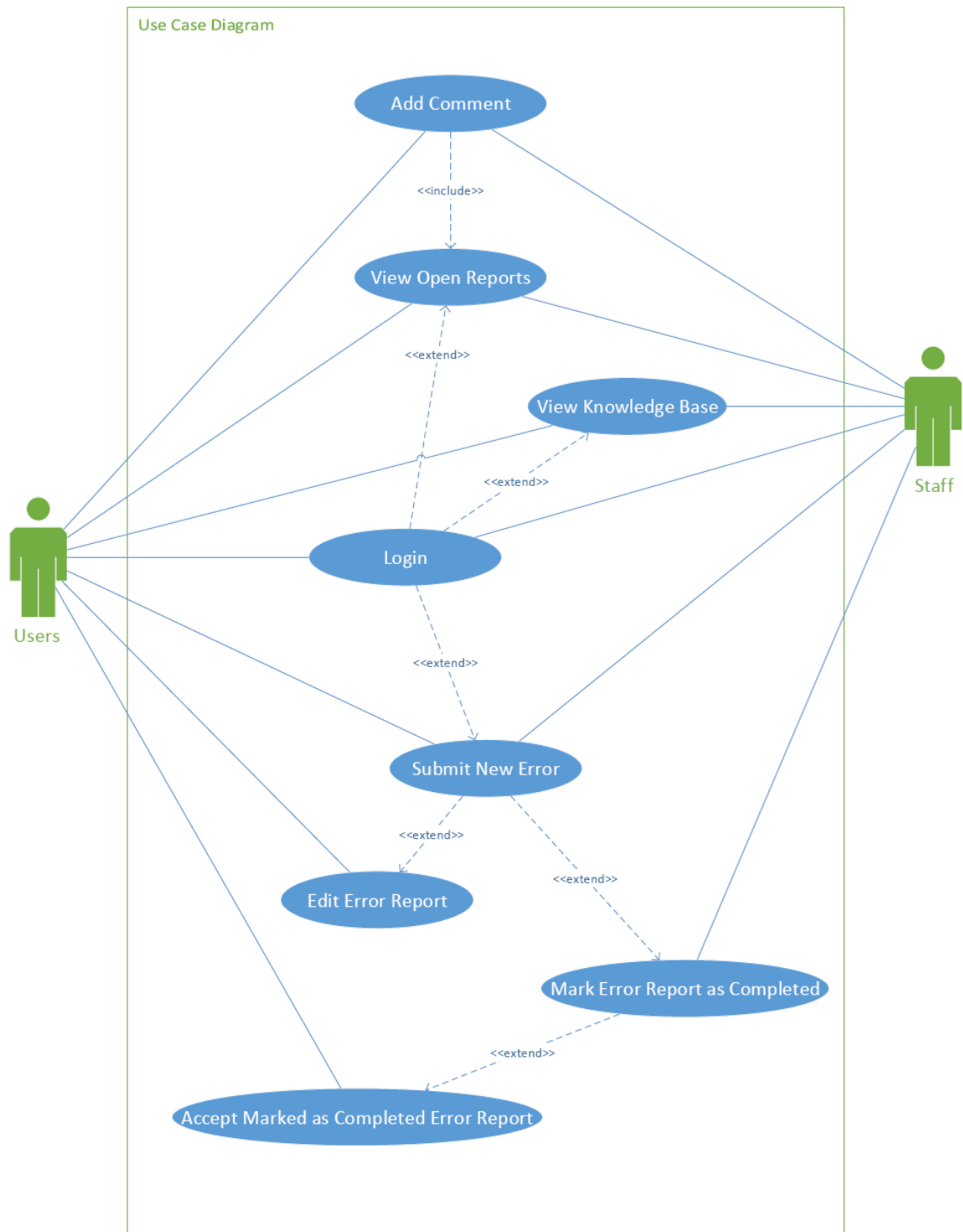
Accept Marked as Completed Error Report	
MAIN ACTORS:	<ul style="list-style-type: none"> • <i>Users</i>
SECONDARY ACTORS:	<ul style="list-style-type: none"> • <i>System</i>
DESCRIPTION:	Actor can accept or deny error completion
BASIC FLOW:	<ol style="list-style-type: none"> 1. <i>Actor</i> selects report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

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

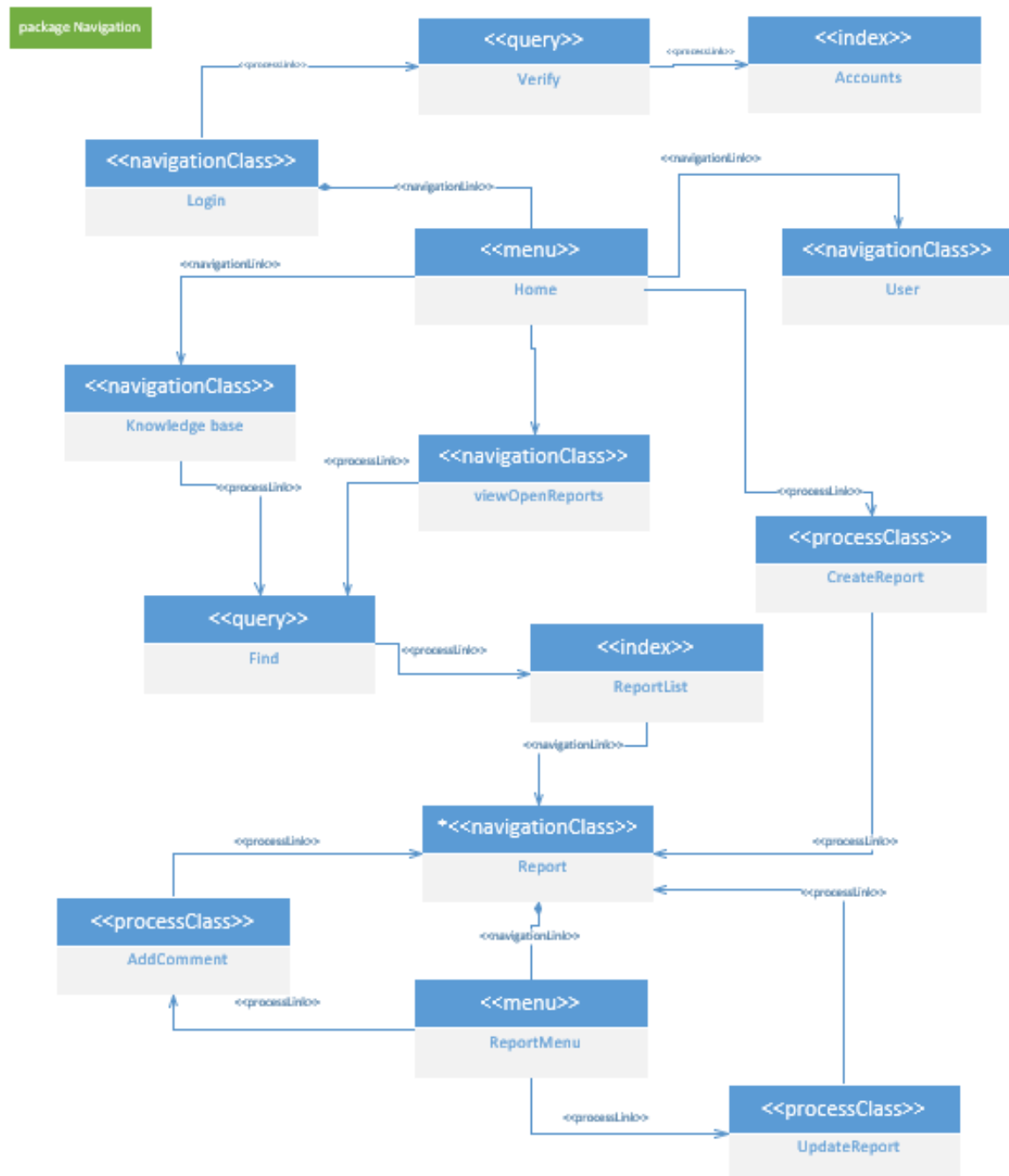
Submit New Error Report	
MAIN ACTORS:	<ul style="list-style-type: none"> • <i>Users</i>
SECONDARY ACTORS:	<ul style="list-style-type: none"> • <i>System</i>
DESCRIPTION:	A new error report is submitted
BASIC FLOW:	<ol style="list-style-type: none"> 1. <i>Actor</i> is asked to enter details of error 2.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

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

Use Case Diagram: William Paterson



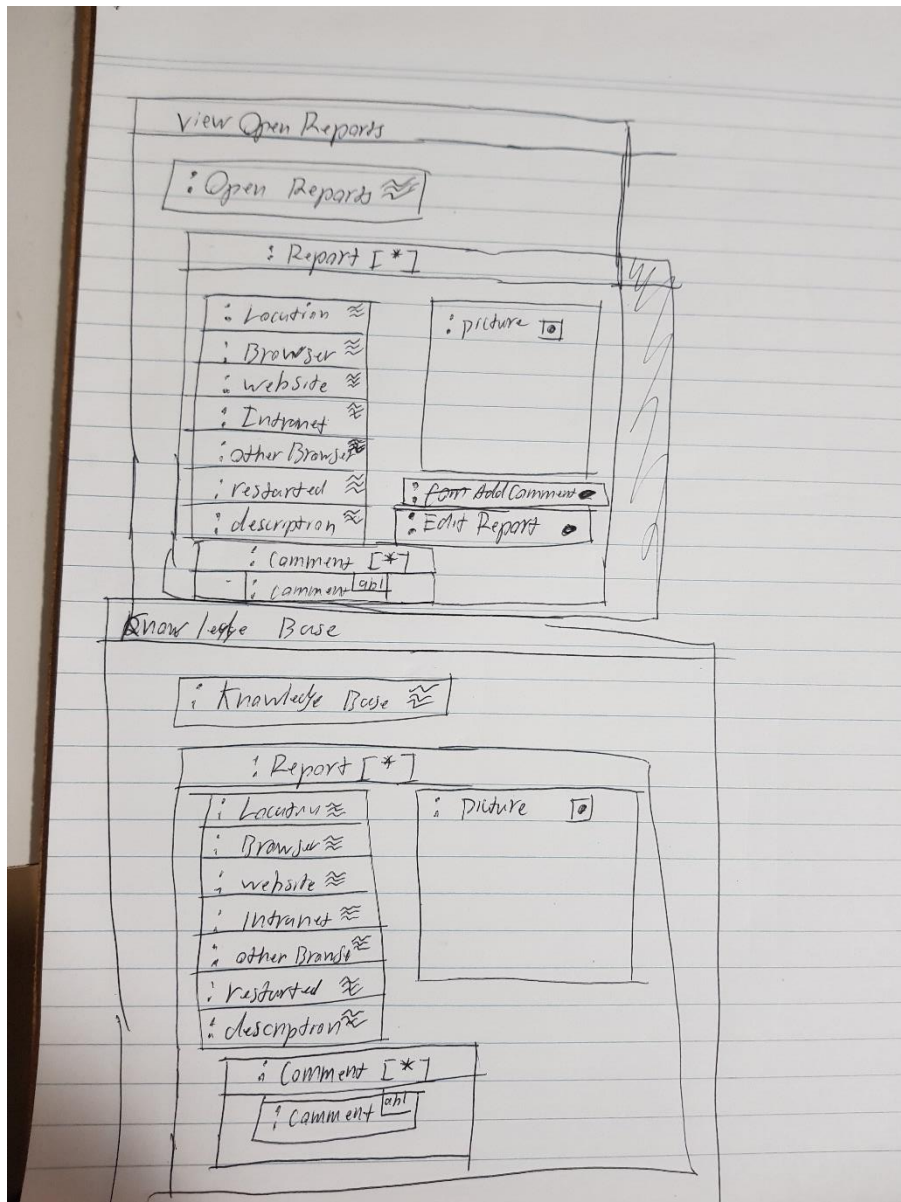
Navigation Models: Lachlan McRae



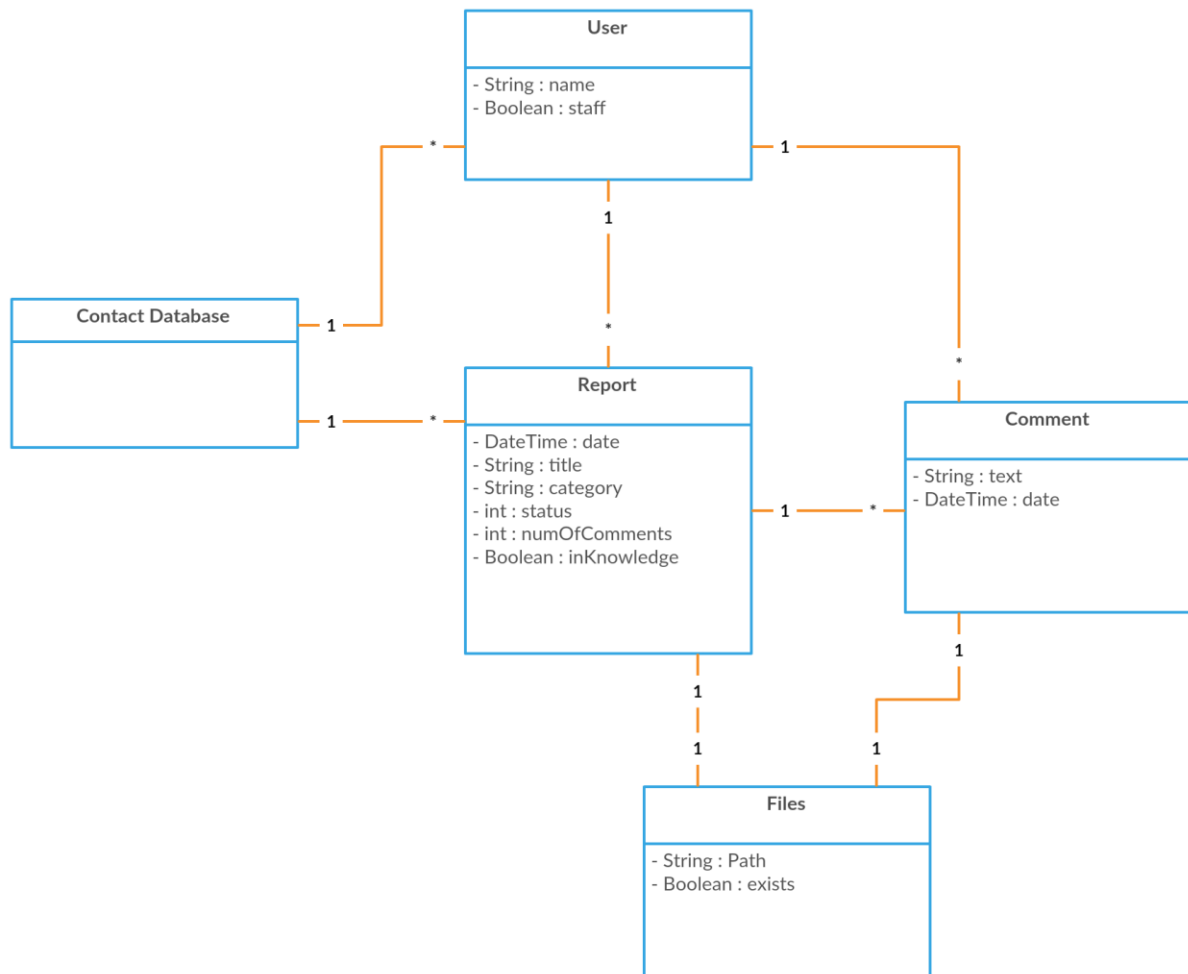
Presentation Models: Lachlan McRae

The image shows four hand-drawn wireframes for a web application, arranged in a 2x2 grid. Each wireframe represents a different screen with its own set of form elements and labels.

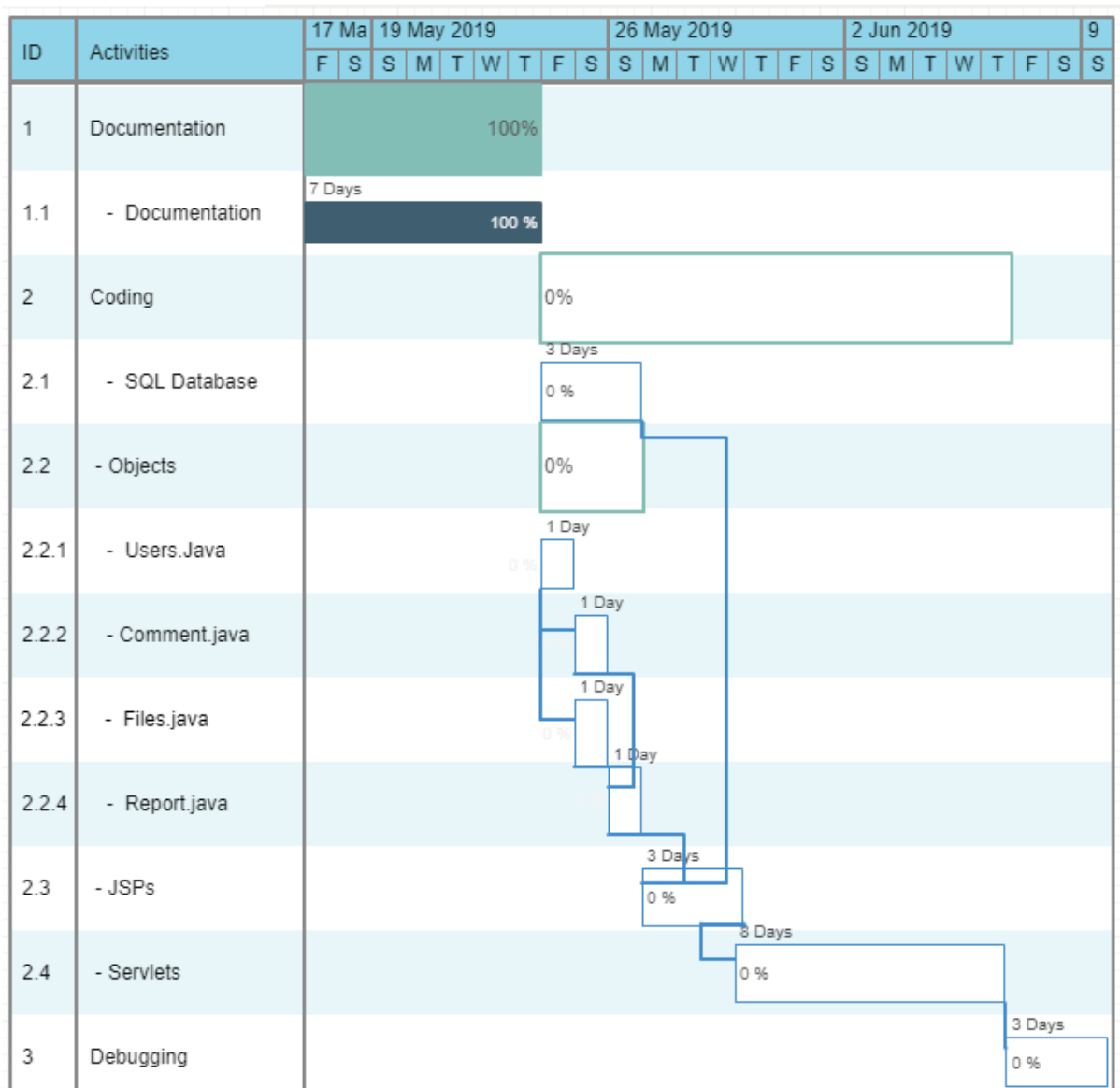
- Login**: A rectangular frame containing a title "Login" at the top. Below it are two input fields: "Username" and "password", each with a small "label" tag to its right. At the bottom is a "Submit" button with a circular icon.
- Create Report**: A rectangular frame with a title "Create Report" at the top. Below the title is a sub-header "Report" followed by a list of input fields: "Location", "Browser", "Website", "Intranet", "Other Browsers", "Restarting", "Description", and "picture". Each field has a small "label" tag to its right. At the bottom is a "Submit" button with a circular icon.
- Home**: A rectangular frame with a title "Home" at the top. Below the title is a list of three items, each with a circular icon to its right: "Knowledge Base", "Create Report", and "view Reports Open".
- Edit Report**: A rectangular frame with a title "Edit Report" at the top. Below the title is a sub-header "report" followed by a list of input fields: "Location", "Browser", "Website", "Intranet", "Other Browsers", "Restarting", "Description", and "picture". Each field has a small "label" tag to its right. At the bottom is a "Submit" button with a circular icon.



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