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## MASTER'S DISSERTATION - SUPERVISION LOGBOOK


<i>Master's Dissertation Supervision Task</i>	
<b>Master's Programme Name</b>	IT7-14-21   Master of Science in Information Technology and Systems
<b>Dissertation Title</b>	<b>PROPOSING AND IMPLEMENTING A SCHOOL MANAGEMENT SYSTEM TO BRIDGE THE EXISTING COMMUNICATION GAP BETWEEN GUARDIANS AND PRIMARY SCHOOLS</b>
<b>Supervisor Name</b>	Dr. Ing. Clifford De Raffaele
<b>Student Name</b>	Robert Cassar
<b>Student Registration No</b>	H65063



### Note


- I. It is the student's responsibility to ensure that this logbook is correctly documented and maintained, and that Supervisor recommendations and signatures are acquired after each and every meeting.
- II. The College reserves the right to not accept the student's dissertation for evaluation if this logbook is not filled in correctly and duly signed by the student and supervisor as indicated. Electronic signatures are acceptable.



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Meeting Number: 1		Date of meeting: 21/10/2024	
Start Time <u>09:00</u>	End Time <u>10:00</u>	Duration <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b> <p>Explained the overall idea to the tutor and discussed the best way forward.</p> <p>Came up with an action plan. Will start with the research, and start drawing up the literature review.</p>			
<b>Supervisor Recommendations</b> <p>Recommended names of other researchers as a direction for the research to take off.</p> <p>Will meet again once significant research is covered to discuss the next step.</p>			
Planned Date of Next Meeting	Student Signature		Supervisor Signature
16/12/2024			



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<b>Meeting Number: 2</b>		<b>Date of meeting: 16/12/2024</b>	
<b>Start Time</b> <u>09:15</u>	<b>End Time</b> <u>10:15</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Went over the literature review, and discussed what needed to be researched further and more in-depth.</p> <p>Will meet again to finalise the literature review and decide the next step to start implementation.</p> <p>Introduced and discussed the research onion. Will research and decide upon by the next meeting.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended further research on certain topics in the literature review.</p> <p>Introduced the research onion.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
13/01/2025			



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<b>Meeting Number: 3</b>		<b>Date of meeting: 13/01/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b> <p>Went over the Literature Review.</p> <p>Discussed the research onion.</p> <p>Decided that the next step is to draw up designs on Figma and start putting together chapter 3: Methodology.</p> <p>Will also start working on the implementation. Putting together a list of collections to be used in the database, possibly also starting on the backend API.</p>			
<b>Supervisor Recommendations</b> <p>Recommended some minor changes in the literature review.</p> <p>Recommended next steps:</p> <ol style="list-style-type: none"> <li>1. Figma Designs</li> <li>2. API</li> </ol>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
03/02/2025			



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<b>Meeting Number: 4</b>		<b>Date of meeting: 03/02/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  Finalised Research Onion.  Went over and discussed Methodology chapter.  Went over finished parts of the API: models, routes and services.			
<b>Supervisor Recommendations</b>  Recommended changes and improvements to chapter 3.  Recommended improvements to backend routes and services.			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
24/02/2025			



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<b>Meeting Number: 5</b>		<b>Date of meeting: 24/02/2025</b>	
<b>Start Time</b> <u>10:00</u>	<b>End Time</b> <u>11:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Reviewed chapter 3: Methodology</p> <p>Discussed progress on API</p>			
<b>Supervisor Recommendations</b>  <p>Recommended improvements to backend API</p> <p>Recommended starting development on frontend.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
17/03/2025			


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<b>Meeting Number: 6</b>		<b>Date of meeting: 17/03/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Discussed and reviewed backend API, which is now almost complete. Will have a final look next meeting.</p> <p>Discussed commencing development on the frontend.</p> <p>Discussed starting of chapter 4: Implementation.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended some final touches on the backend API.</p> <p>Recommended starting coding the frontend API.</p> <p>Recommended starting writing of chapter 4: Implemetation.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
31/03/2025			


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<b>Meeting Number: 7</b>		<b>Date of meeting: 31/03/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b> <p>Went over final version of the backend API.</p> <p>Went over ready parts of chapter 4: Implementation, and discussed changes and improvements. Discussed how to proceed on the writing of the same chapter.</p> <p>Went over initial file structure of the frontend. Viewed initial components and discussed improvements and other additional components.</p>			
<b>Supervisor Recommendations</b> <p>Recommended some changes to chapter 4, and further developments on the same chapter.</p> <p>Recommended actions on frontend components.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
21/04/2025			






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<b>Meeting Number: 8</b>		<b>Date of meeting: 21/04/2025</b>	
<b>Start Time</b> <u>09:30</u>	<b>End Time</b> <u>10:30</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b> <p>Discussed frontend developments.</p> <p>Discussed the survey questions; keep an open eye if I need to change them to be more appropriate, now that the application is taking shape.</p>			
<b>Supervisor Recommendations</b> <p>Recommended improvements to implemented parts of the frontend.</p> <p>Suggested features for undeveloped parts of the frontend.</p> <p>Recommended reviewing the test subjects survey questions to be more appropriate.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
12/05/2025			



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<b>Meeting Number: 9</b>		<b>Date of meeting: 12/05/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Frontend still under development.</p> <p>Went over the ongoing progress in the frontend, and also the ongoing progress on chapter 4: Implemetation. Discussed the progress since the last meeting.</p> <p>Discussed possible changes to questions in the test subjects survey.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended minor changes to the backend development so as to keep to the timeline.</p> <p>Discussed changes to the survey questions.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
02/06/2025			



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<b>Meeting Number: 10</b>		<b>Date of meeting: 02/06/2025</b>	
<b>Start Time</b> <u>10:00</u>	<b>End Time</b> <u>11:30</u>	<b>Duration</b> <u>1.5 hours</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Went over the frontend. Discussed some minor changes but overall seems to be working fine.</p> <p>Discussed the dynamics and procedure of the experiment.</p> <p>Discussed the changes to the survey questions.</p> <p>Decided to go ahead with the experiment, once the discussed changes to the software and survey questions are implemented.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended some minor changes to the frontend software, and the survey questions.</p> <p>Recommended to commence the experiment as soon as the changes are made, so as to have time to complete the dissertation.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
16/06/2025			

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<b>Meeting Number: 11</b>		<b>Date of meeting: 16/06/2025</b>	
<b>Start Time</b> <u>09:00</u>	<b>End Time</b> <u>10:00</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Since the last meeting:</p> <p>The frontend has been finalised.</p> <p>Chapter 4: Implementation has been completed.</p> <p>The survey questions have been finalized.</p> <p>The experiment session was held and the data was gathered.</p> <p>The data was entered into MS Excel and displayed graphically.</p>  <p>During this meeting:</p> <p>We went over the results and discussed their meanings.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended starting chapter 5: Analysis and Results.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
07/07/2025			

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<b>Meeting Number: 12</b>		<b>Date of meeting: 07/07/2025</b>	
<b>Start Time</b> <u>09:30</u>	<b>End Time</b> <u>10.30</u>	<b>Duration</b> <u>1 hour</u>	
<b>Progress and Issues Discussed at this Meeting</b>  Went over Chapter 5: Analysis and Results.  Discussed Chapter 6: Conclusion Discussed Chapter 1: Introduction			
<b>Supervisor Recommendations</b>  Recommended some changes to chapter 5: Analysis and Results  Recommended starting chapter 6: Conclusion, and chapter 1: Introduction.			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
21/07/2025			

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<b>Meeting Number: 13</b>		<b>Date of meeting: 21/07/2025</b>	
<b>Start Time</b> <u>09:30</u>	<b>End Time</b> <u>11:30</u>	<b>Duration</b> <u>2 hours</u>	
<b>Progress and Issues Discussed at this Meeting</b>  <p>Went over the whole dissertation.</p>			
<b>Supervisor Recommendations</b>  <p>Recommended minor changes and improvements before submission.</p>			
<b>Planned Date of Next Meeting</b>	<b>Student Signature</b>		<b>Supervisor Signature</b>
	