# DISSERTATION SUPERVISION LOGBOOK

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| **Institute** | MCAST Institute of ICT |
| **Programme** | Multimedia Software Development |
| **Dissertation Title** | Spice Detection by using Convolutional Neural Networks |
| **Supervisor** | Owen Sacco |
| **Student** | Colton Sammut |
| **Student ID No** | 455803L |

**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. This logbook is to be submitted together with the dissertation.

III. The institute 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.

| **Meeting Number :** 1 | **Date of meeting :** 16/10/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Literature Review Research
- Outlining of Research questions
- Rough Idea of methodology

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 23/10/2023 | Colton | |

| **Meeting Number : 2** | **Date of meeting :** 23/10/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Update on Literature Review Research
- Research Paper Clarification

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 06/11/2023 | Colton | |

| **Meeting Number :** 3 | **Date of meeting :** 06/11/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Literature Review Criteria Clarification
- Deadline of Literature Review
- Discussion of Development Cycle

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 04/12/2024 | Colton | |

| **Meeting Number :** 4 | **Date of meeting :** 04/12/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Development during Christmas recess discussion
- Expansion of Literature Review
- Clarification of Resources used for prototype

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 18/12/2023 | Colton | |

| **Meeting Number :** 5 | **Date of meeting :** 18/12/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Literature Rescheduling.
- Confirmation of Development period.
- Further planning for Adjustments to the literature review
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**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 14/02/2024 | Colton | |


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| **Meeting Number :** 6 | **Date of meeting :** 14/02/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Discussion of Recently Finalized Literature Review
- Discussion on Methodology
- Reviewal of Literature Review

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 21/02/2024 | Colton | |

| **Meeting Number :** 7 | **Date of meeting :** 21/02/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Continuation of Development of CNN Model
- Presentation of Current best model
- Discussion for User Study approach

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 29/02/2024 | Colton | |

| **Meeting Number :** 8 | **Date of meeting :** 28/02/2023 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Literature Review Research
- Outlining of Research questions
- Rough Idea of methodology

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 06/03/2024 | Colton | |

| **Meeting Number :** 9 | **Date of meeting :** 06/03/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Update on Model Development

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 13/03/2024 | Colton | |


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| **Meeting Number :** 10 | **Date of meeting :** 13/03/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Best Model Presented
- Discussion on interface of the model
- Survey Outlining

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 20/03/2024 | Colton | |

| **Meeting Number :** 11 | **Date of meeting :** 20/03/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Online Survey issues
- Interface issues

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 27/03/2024 | Colton | |

| **Meeting Number :** 12 | **Date of meeting :** 27/03/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Model Interface Presented

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 03/04/2024 | Colton | |

| **Meeting Number :** 13 | **Date of meeting :** 03/04/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Model interface Updated

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 17/04/2024 | Colton | |


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| **Meeting Number :** 14 | **Date of meeting :** 17/04/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Finalized Survey Presented and Discussed

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 01/05/2024 | Colton | |

| **Meeting Number :** 15 | **Date of meeting :** 01/05/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Methodology Presented
- Results and Analysis Discussion

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| 29/05/2024 | Colton | |

| **Meeting Number :** 16 | **Date of meeting :** 29/05/2024 |
|---|---|

**Issues discussed at the meeting (*to be filled in by Student*)**

- Result and Methodology Discussion

**Supervisor recommendations (*to be filled in by Supervisor*)**

| **Date of Next Meeting** | **Student Signature** | **Supervisor Signature** |
|---|---|---|
| N/A | Colton | |