**Project Work Progress Report**

**Week No.:** 1 **Date:** 17-01-2022 to 21-01-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 17-01-2022 | Deciding on various domains –Machine Learning |
| 18-01-2022 | Searching for various problems on that domain |
| 19-01-2022 | Searching for various problems on that domain |
| 20-01-2022 | Selection of problem – Speed Detection of Vehicle Using Machine Learning Algorithm |
| 21-01-2022 | Meeting with Guide to discuss about the domain and topic of the project |

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**Project Work Progress Report**

**Week No.:** 2 **Date:** 24-01-2022 to 28-01-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 24-01-2022 | Collecting Journals and Conference Papers |
| 25-01-2022 | Collecting Journals and Conference Papers |
| 27-01-2022 | Meeting with Guide to discuss about literature survey from various reference papers, Synopsis verification and submission of Synopsis to project Coordinator |
| 28-01-2022 | Going through various methodologies followed in journal papers and finalizing the title of the project – “Speed Detection of Vehicle Using Machine Learning Algorithm” |

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**Project Work Progress Report**

**Week No.:** 3 **Date:** 31-01-2022 to 04-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 31-01-2022 | Going through approaches followed in different journal papers |
| 01-02-2022 | Finding various datasets of vehicles and collecting more standard journal papers on it with accuracy of different methods |
| 02-02-2022 | Meeting with Guide and discussing about accuracy of different methods and datasets |
| 03-02-2022 | Finding various datasets of Vehicles |
| 04-02-2022 | Preparing PPT for 1st review of project |

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**Project Work Progress Report**

**Week No.:** 4 **Date:** 07-02-2022 to 11-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 07-02-2022 | Preparing PPT for 1st review of project |
| 08-02-2022 | Finding Journal papers and preparing PPT |
| 09-02-2022 | Meeting with Guide and discussing about PPT for 1st review and collecting journal papers |
| 10-02-2022 | Finding more datasets of Vehicles |
| 11-02-2022 | Finding more datasets of Vehicles |

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**Project Work Progress Report**

**Week No.:** 5 **Date:** 14-02-2022 to 19-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 14-02-2022 | Going through the journal papers to decide on base paper of project |
| 15-02-2022 | Studying approaches and methods followed in base paper |
| 16-02-2022 | Meeting with Guide and discussion about base paper and PPT verification for 1st phase review |
| 17-02-2022 | Preparing for 1st phase review |
| 18-02-2022 | Preparing for 1st phase review |
| 19-02-2022 | 1st Phase review |

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**Project Work Progress Report**

**Week No.:** 6 **Date:** 21-02-2022 to 25-02-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 21-02-2022 | Working on changes suggested in 1st phase review |
| 22-02-2022 | Working on changes suggested in 1st phase review |
| 23-02-2022 | Meeting with Guide and discussed about work progress and changes done after 1st phase review as suggested by the panel members |
| 24-02-2022 | Working on changes suggested in 1st phase review and by the Guide |
| 25-02-2022 | Going through the existing methods and datasets available |

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**Project Work Progress Report**

**Week No.:** 7 **Date:** 28-02-2022 to 04-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 28-02-2022 | Reviewing existing models of Speed Detection |
| 02-03-2022 | Going through the existing approaches and datasets |
| 03-03-2022 | Meeting with Guide to discuss about work progress and methods which are used in some existing models |
| 04-03-2022 | Searching for more datasets |

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**Project Work Progress Report**

**Week No.:** 8 **Date:** 07-03-2022 to 11-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 07-03-2022 | Finding datasets and starting the implementation work |
| 08-03-2022 | Working on the implementation part (coding) |
| 09-03-2022 | Working on the implementation part (coding) |
| 10-03-2022 | Working on the implementation part (coding) |
| 11-03-2022 | Reviewing code for error removal |

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**Project Work Progress Report**

**Week No.:** 9 **Date:** 14-03-2022 to 18-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 14-03-2022 | Reviewing code for error removal |
| 15-03-2022 | Reviewing code for error removal |
| 16-03-2022 | Reviewing code for error removal |
| 17-03-2022 | Testing code with the dataset |
| 18-03-2022 | Testing code with the dataset |

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**Project Work Progress Report**

**Week No.:** 10 **Date:** 21-03-2022 to 25-03-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 21-03-2022 | Working on improving accuracy of the model |
| 22-03-2022 | Working on improving accuracy of the model |
| 23-03-2022 | Working on improving accuracy of the model and working on the coding part |
| 24-03-2022 | Working on improving accuracy of the model and working on the coding part |
| 25-03-2022 | Meeting with Guide to discuss about the implementation and preparing for 2nd phase review |

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**Project Work Progress Report**

**Week No.:** 11 **Date:** 28-03-2022 to 01-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 28-03-2022 | Working on improving accuracy of the model and working on the coding part |
| 29-03-2022 | Meeting with Guide to discuss about implementation and phase 2 review |
| 30-03-2022 | Preparing for phase 2 review |
| 31-03-2022 | Preparing for phase 2 review |
| 01-04-2022 | 2nd phase review |

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**Project Work Progress Report**

**Week No.:** 12 **Date:** 04-04-2022 to 08-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 04-04-2022 | Working on changes suggested in 2nd phase review |
| 05-04-2022 | Working on changes suggested in 2nd phase review |
| 06-04-2022 | Working on changes suggested in 2nd phase review |
| 07-04-2022 | Working on changes suggested in 2nd phase review |
| 08-04-2022 | Working on changes suggested in 2nd phase review |

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**Project Work Progress Report**

**Week No.:** 13 **Date:** 11-04-2022 to 15-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 11-04-2022 | Working on the implementation part (object detection & tracking) |
| 12-04-2022 | Working on the implementation part (object detection & tracking) |
| 13-04-2022 | Working on the implementation part (object detection & tracking) |
| 14-04-2022 | Working on the implementation part (object detection & tracking) |

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**Project Work Progress Report**

**Week No.:** 14 **Date:** 18-04-2022 to 22-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 18-04-2022 | Working on the implementation part (speed detection) |
| 19-04-2022 | Working on the implementation part (speed detection) |
| 20-04-2022 | Working on the implementation part (speed detection) |
| 21-04-2022 | Working on the implementation part (speed detection) |
| 22-04-2022 | Meeting with guide to discuss about the progress of the project |

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**Project Work Progress Report**

**Week No.:** 15 **Date:** 25-04-2022 to 29-04-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 25-04-2022 | Working on the implementation part |
| 26-04-2022 | Working on the implementation part |
| 27-04-2022 | Working on the implementation part |
| 28-04-2022 | Working on the implementation part |
| 29-04-2022 | Working on the implementation part |

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**Project Work Progress Report**

**Week No.:** 16 **Date:** 02-05-2022 to 06-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 02-05-2022 | Working on the implementation part |
| 04-05-2022 | Meeting with Guide to discuss about further implementation and final demo |
| 05-05-2022 | Working on the implementation part and making some changes as needed |
| 06-05-2022 | Working on the implementation part and making some changes as needed |

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**Project Work Progress Report**

**Week No.:** 17 **Date:** 09-05-2022 to 13-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 09-05-2022 | Working on the implementation part and making some changes as needed |
| 10-05-2022 | Working on the implementation part and making some changes as needed |
| 11-05-2022 | Working on the implementation part and making some changes as needed |
| 12-05-2022 | Meeting with Guide to discuss about the final review and final report preparation |
| 13-05-2022 | Preparing for final review and working on final report |

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**Project Work Progress Report**

**Week No.:** 18 **Date:** 16-05-2022 to 20-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 17-05-2022 | Preparing for final review and working on final report |
| 18-05-2022 | Preparing for final review and working on final report |
| 19-05-2022 | Preparing for final review and working on final report |
| 20-05-2022 | Preparing for final review and working on final report |

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**Project Work Progress Report**

**Week No.:** 19 **Date:** 23-05-2022 to 28-05-2022

**Project Title:** Speed Detection of Vehicle Using Machine Learning Algorithm

**Name of the Guide:** Prof. Mathiyalagan R External -

**Name of the Students:** Rishav Surana, Susanta Sarkar, Siddharth Kr Harlalka, Sujata Budha

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| **Date** | **Report** |
| 23-05-2022 | Meeting with Guide to discuss more about Final review and final report |
| 24-05-2022 | Preparing for final review and working on final report |
| 25-05-2022 | Preparing for final review and working on final report |
| 26-05-2022 | Preparing for final review and working on final report |
| 27-05-2022 | Preparing for final review and working on final report |
| 28-05-2022 | Final review |

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