|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 16-09-2024 | **Week Ending Date** | | 22-09-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | |  | |  |  | |
| 2 | |  | |  |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Discussing ideas for the problem statement | | | 18-09-  2024 |  | |
| 2 | Looking into existing domains and fields like IOT security, information Security etc. and trying to think of ideas to work on. | | | 18-09-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Come up with a list of potential ideas for capstone | | 22-09-  2024 |  | |
| 2 | | Look in to the feasibility of the ideas we have come up with this week | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 30-09-2024 | **Week Ending Date** | | 6-10-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Discussed a few ideas for problem statements for the past 2 weeks | | 30-09-  2024 |  | |
| 2 | | Collected 8 ideas for the project and discussed it with ma’am | | 30-09-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Further discussing the existing ideas and reducing the number of ideas | | | 2-10-  2024 |  | |
| 2 | Fine tuning the existing ideas that we are satisfied with. | | | 2-10-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Bringing down the number of ideas and speak to Saraswati ma’am to finalize the idea for capstone | | 6-10-  2024 |  | |
|  | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 7-10-2024 | **Week Ending Date** | | 13-10-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Further discussed the existing ideas and shortened it 4 ideas. | | 6-10-  2024 |  | |
| 2 | | Finalized the domain we will be working on | | 6-10-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Further expanding on the ideas and checking feasibility | | | 9-10-  2024 |  | |
| 2 | Trying to bring it down to one idea for the problem statement | | | 9-10-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Finalize the problem statement | | 13-10-  2024 |  | |
|  | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 14-10-2024 | **Week Ending Date** | | 20-10-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Reduced the number of ideas to 2 | | 13-10-  2024 |  | |
| 2 | | Performed a proper analysis on the 2 ideas and determined feasibility of all 2 | | 13-10-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Discussing the 3 ideas amongst ourselves with Sarasvathi ma’am to decide problem statement | | | 14-10-  2024 |  | |
| 2 | Finalizing the problem statement by tomorrow 15-10-2024 | | | 14-10-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Background study for the problem statement | | 20-10-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of

Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 21-10-2024 | **Week Ending Date** | | 27-10-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Decided problem statement as Detection an mitigation of replay attacks in CCTV cameras | | 15-10-  2024 |  | |
| 2 | | Analyzed the technology gap and novelty in the idea | | 20-10-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Looking into research papers on detection of replay attacks | | | 23-10-  2024 |  | |
| 2 | Trying to see how to incorporate existing technologies to make the project work | | | 23-10-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Continue the literature survey next week as well | | 27-10-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 28-10-2024 | **Week Ending Date** | | 3-11-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Read few research papers on detecting replay attacks | | 27-10-  2024 |  | |
| 2 | |  | |  |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Working on the first review presentation. | | | 28-10-  2024 |  | |
| 2 |  | | |  |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Continue literature survey next week and read more papers | | 2-11-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 04-11-2024 | **Week Ending Date** | | 10-11-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | 3 papers gone through so far in literature survey | | 27-10-  2024 |  | |
| 2 | | Review 1 completed | | 29-10-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Researching more papers on use of AI in detecting replay attacks | | | 06-11-  2024 |  | |
| 2 |  | | |  |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Carry on with literature survey until a good idea of working of the project | | 09-11-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 11-11-2024 | **Week Ending Date** | | 17-11-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Referred to survey papers on AI based approaches to detect replay attacks | | 10-11-  2024 |  | |
| 2 | |  | |  |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Referring to more papers this week. | | | 13-11-  2024 |  | |
| 2 |  | | |  |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Try to finish the literature survey to a level where we get an idea of the approaches we can use in our project | | 17-11-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 18-11-2024 | **Week Ending Date** | | 24-11-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Referred to a total of 5 papers so far | | 17-10-  2024 |  | |
| 2 | |  | |  |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Refer to a few more papers if required to get a thorough understanding of what needs to be done to implement project | | | 21-10-  2024 |  | |
| 2 | Looking into datasets for the project | | | 21-10-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Finish the literature survey and get a few datasets ready | | 24-10-  2024 |  | |
|  | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Title** | | | Detection And Mitigation Of Replay Attacks On CCTV Cameras | | | |
| **Batch No** | | | 49 | | | |
| **Week Starting Date** | | | 25-11-2024 | **Week Ending Date** | | 1-12-2024 |
| **Name** | | | Soumya Ranjan Mishra  Shreyas S  Suhas Karamalaputti  Mohit Prasad Singh | **SRN** | | PES2UG22CS571 PES2UG22CS540 PES2UG22CS590 PES2UG22CS320 |
| **Activities Completed** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Completed the literature survey to a satisfactory extent. Will definitely look into more papers during phase 2  implementation but for now it’s done. | | 25-11-  2024 |  | |
| 2 | | Found a few datasets. Data collection still not completely done | | 25-11-  2024 |  | |
| **In Progress** | | | | | | |
| **#** | **Tasks** | | | **Date** | **Remarks** | |
| 1 | Continuing data collection for the project. | | | 27-11-  2024 |  | |
| 2 | Working on ESA review for capstone phase 1 and capstone project report | | | 27-11-  2024 |  | |
| **Plan for Next Week** | | | | | | |
| **#** | | **Tasks** | | **Date** | **Remarks** | |
| 1 | | Complete ESA for capstone phase 1 on 2-12-2024 | | 1-12-  2024 |  | |
| 2 | |  | |  |  | |

Signature of Project Guide With Name

Signature of Project Coordinator

Signature of Chairperson