SHARDA UNIVERSITY

Student Project Diary: Session : 2024-2025 Course Name : Project-1 Course Code : CSP495

Title of The Project: Lane Detection using Deep Learning and Digital Image Processing

Name of the Student: Shashi Kant Ojha

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Name of the Guide: Ms. Gunjan Aggarwal

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week	Date of Visit	Status of Task assigned during last visit	Remarks	Task to be carried out till next visit	Signature of Guide
One	07/03/2022	Discussed some important key points related to project		Project approval and discussion of the project	Already approved for Evaluation-0
Two	18/03/2022	Topic Finalization		Gather research paper on related topic	Already approved for Evaluation-0
Three	24/04/2022	Literature Review		Research done on old methods	Already approved for Evaluation-0
Four	29/04/2022	Information collected and also done with the ppt corrections.		Dependencies required for lane detection software.	Already approved for Evaluation-0
Five	4/04/2022	Dependencies added		To prepare the final PPT for Evaluation 0	Already approved for Evaluation-0
Six	11/04/2022	PPT and synopsis approval from the guide.		Design the prototype of the model along with proper requirements specification.	Already approved for Evaluation-0
Seven	07/06/2022			Gather research paper Monolithic Architecture	

Student is required to maintain one separate page for each visit on which he has to write description of the task and brief idea how that task was carried out.

Eight	13/06/2022	Research done on Monolithic Architecture		Hands on Monolithic Architecture	
Nine	17/06/2022	Monolithic Architecture done		Learning About MVC Model	
Ten	24/06/2022	MVC on console completed		Learning About MVC on Servelets	
Eleven	1/07/2022	MVC with Servelet and CRUD done		Learning About RESTfull services	
Twelve	19/07/2022	Hands on RESTfull services		To prepare PPT for Evaluation-1	
Thirteen	25/07/2022	PPT completed for Evaluation-1		Changes mentioned by guide	
Fourteen	29/07/2022	PPT approval for Evaluation-1 done			
Fifteen					
Sixteen					
Seventeen					
Eighteen					

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Nineteen					
Twenty					

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Name: Shashi Kant Ojha   **Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No: 1   **Date of Visit:** 07/03/2022

Brief Description of task to be completed till next Visit:

Discussed some key points related to our project and also specified the working areas of our project along with requirements specifications.

Details of approaching the task and solving the task:

Discussing the main key features of the project.

Signature of Student   **Signature of Guide**

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Name: Shashi Kant Ojha   **Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No: 2   **Date of Visit:** 18/03/24

Brief Description of task to be completed till next Visit:

Finalized the project topic. This is a crucial step towards progress, indicating a clear direction for the project.

Details of approaching the task and solving the task:

Gather research paper on related topic.

Signature of Student   **Signature of Guide**

Name: Shashi Kant Ojha   **Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No: 3   **Date of Visit:** 07/03/2022

Brief Description of task to be completed till next Visit:

Conducted literature review on old methods. Good progress in research, laying the foundation for understanding existing approaches.

Details of approaching the task and solving the task:

Research done on old methods.

Signature of Student   **Signature of Guide**

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Name: Shashi Kant Ojha   **Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No: 4   **Date of Visit:** 07/03/2022

Brief Description of task to be completed till next Visit:

Collected information and made corrections to the presentation. Progress seems steady, with attention to detail in presentation quality.

Details of approaching the task and solving the task:

Dependencies required for lane detection software.

Signature of Student   **Signature of Guide**

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Name: Shashi Kant Ojha　　　　　　　　　**Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No:　5　　　　　　　　　　　　**Date of Visit:** 07/03/2022

Brief Description of task to be completed till next Visit:

Added dependencies. Addressing dependencies is essential for project stability and functionality.

Details of approaching the task and solving the task:

To prepare the final PPT for Evaluation 0.

Signature of Student　　　　　　　　　　　　**Signature of Guide**

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Name: Shashi Kant Ojha   **Enrollment No.: 2021310608**

Project Title: Lane Detection using Deep Learning and Digital Image Processing

Week No: 6   **Date of Visit:** 07/03/2022

Brief Description of task to be completed till next Visit:

Received approval on the presentation and synopsis from the guide. Moving forward with official approval is a significant milestone.

Details of approaching the task and solving the task:

Design the prototype of the model along with proper requirements specification.

Signature of Student   **Signature of Guide**