



HASAN KALYONCU UNIVERSITY
Electrical-Electronics Engineering Department
EEE 499 Project Proposal Form

Part I. Project Proposer (5)

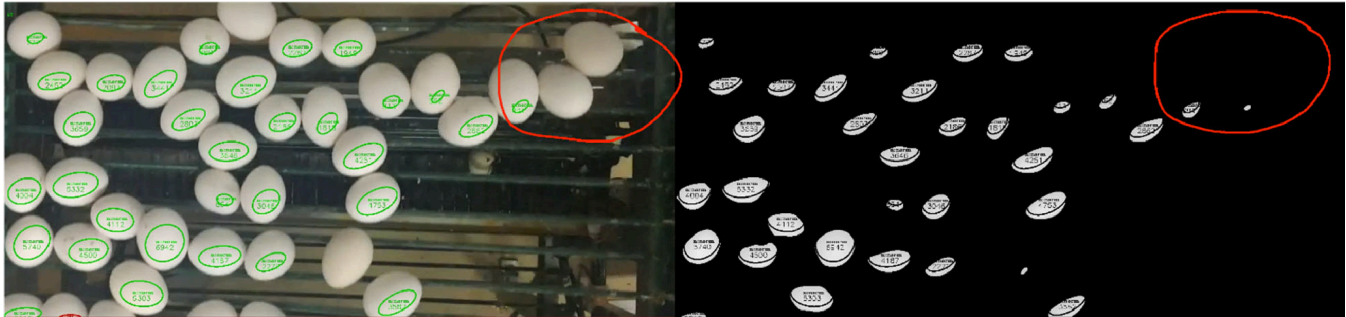
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Part II. Project Information

Starting Term	<table border="1" style="display: inline-table; text-align: center;"><tr><td>2</td><td>0</td><td>2</td><td>3</td><td>/</td><td>2</td><td>0</td><td>2</td><td>4</td></tr></table> FALL	2	0	2	3	/	2	0	2	4
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Title of the Project	Egg Counter-Camera Based									

Project Description

- A system design that detects and counts eggs passing over the conveyor.
- The system should be placed in a 3D printed case.



Project Justification

Novelty

New aspects	
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Complexity

Challenging problem and issues	- Conveyor speed does not match the scanning speed of the camera.
Related electrical-electronics science fields and subfields	
Tools	<ul style="list-style-type: none">- Camera- Computer/ Development board with camera/raspberry pi etc.- 3D printer- Python/C++/Matlab etc.

Risk involved

Potential problems and alternative solutions	No potential problem is foreseen.
Minimum work required	3 students