

## Weekly Status Report

<b>Project Title</b>	-		
<b>Batch No</b>	89		
<b>Week Starting Date</b>	9/9/24	<b>Week Ending Date</b>	13/9/24
<b>Name</b>	AKHMAL MOHAMMED ROHIT MADDALY SAAHIL SUDHIR PAKHARE SHREYA HEGDE	<b>SRN</b>	PES2UG22CS047 PES2UG22CS459 PES2UG22CS475 PES2UG22CS532
<b>Activities Completed</b>			
<b>#</b>	<b>Tasks</b>	<b>Date</b>	<b>Remarks</b>
1	Assessed problems in medical domain	9/9/24	Decided to pivot from this idea based on evaluation of its practicality and compliance.
2	Explored potential domains that integrate Big Data, Blockchain, and IoT for innovative applications.	11/9/24	Selected these domains for further investigation due to its innovative and impactful possibilities.
<b>In Progress</b>			
<b>#</b>	<b>Tasks</b>	<b>Date</b>	<b>Remarks</b>
1	Identifying gaps and inefficiencies in the aviation sector.	12/9/24	Investigating inefficiencies in communication security protocols to identify vulnerabilities.
2	Analyzing relevant literature focused on secure communication protocols in aircraft operations.	13/9/24	Highlighted critical security concerns in ground-to-air and air-to-air communications through initial research
<b>Plan for Next Week</b>			
<b>#</b>	<b>Tasks</b>	<b>Date</b>	<b>Remarks</b>
1	Deep dive into research papers and case studies to understand existing solutions in aviation communication security.	16/9/24	Plan to assess ACARS communication vulnerabilities,through a detailed review of relevant literature and case studies.



## **UE22CS320A-- Capstone Project Phase – I - Weekly Status Report**

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Signature of Project Guide  
Prof . Animesh Giri

Signature of Project  
Coordinator

Signature of  
Chairperson