

Weekly Status Report

Project Title	-		
Batch No	89		
Week Starting Date	30/9/24	Week Ending Date	5/10/24
Name	AKHMAL MOHAMMED ROHIT MADDALY SAAHIL SUDHIR PAKHARE SHREYA HEGDE	SRN	PES2UG22CS047 PES2UG22CS459 PES2UG22CS475 PES2UG22CS532
Activities Completed			
#	Tasks	Date	Remarks
1	-	-	-
In Progress			
#	Tasks	Date	Remarks
1	Decided to explore a quantum approach for solving identified security issues, starting with research paper reviews.	30/9/24	Identified Post-Quantum Cryptography(PQC) as a potential method.
2	Analyzing the key differences between post-quantum cryptography and standard encryption techniques to evaluate their effectiveness in future security systems.	2/10/24	Acknowledged the immense power of algorithms like Shor's, which can decrypt standard encryption in a matter of seconds, emphasizing the critical need for post-quantum cryptography.
Plan for Next Week			
#	Tasks	Date	Remarks
1	Finalizing and coming up with a project title.	6/10/24	Finalize the project title, ensuring it aligns with the research objectives and scope.
2	Explore ways to integrate Cloud Computing with Big Data and Blockchain for enhanced functionality.	7/10/24	Final Integration step of forming a problem statement



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

Signature of Project Guide
Prof . Animesh Giri

Signature of Project
Coordinator

Signature of
Chairperson