

CSE 545: Software Security

Secure Hospital System

Group 09 Weekly Report - 10

Person prepared this report: Kiran Shanthappa on 12pm 29th Mar 2022

Person approved this report: Yash Bhokare on 3pm 29th Mar 2022

Person submitted this report: Yash Bhokare

List of members

- 1. Yash Bhokare (Group Leader)
- 2. Kiran Shanthappa (Deputy Leader)
- 3. Anthony Mac
- 4. Rajesh Badugula
- 5. Shashank Baradi
- 6. Sai Manoja Gadde
- 7. Karan Naik
- 8. Bhaskara Atluri
- 9. Jayanth Gorinta

Meeting Notes

[Mar 25th, 2022 – 04:00 pm] - The agenda of the meeting was to get a status update on implementation progress and challenges faced. Meeting was scheduled from 4:00pm to 5:00pm in the Noble Library. Progress of the week was discussed and some of the pain points addressed. Update from backend team: Shashank testing the application with Yash. Bhaskara is testing the malicious login scenarios and OTP authentication.

[Mar 25th, 2022 – 04:30 pm] - Update from the database team (Anthony and Manoja): Currently in the process of testing database triggers and foreign keys. Update from front-end team: Karan and Yash testing all the pages UI web pages and access control.

[Mar 25th, 2022 – 04:45 pm] - Update on hyperledger: Performing client API testing and data storage in the Hyperledger. Update on integration team: Yash and Shashank are testing on the application and integration.

Tasks Summary

Task No.	Task Name	Details of Task	Member	Status
1	Database Testing	Testing the database triggers and foreign keys. Hashed data storage.	Manoja, Anthony	Ongoing
2	Integration Testing	Testing Front-end and backend integration points.	Shashank, Yash	Ongoing
3	Blockchain Integration and Testing	Prepare sample data for blockchain integration and testing.	Jayanth, Kiran	Ongoing
4	Application Testing	Application functionality testing	Yash	Ongoing
5	Access control testing	Testing all user access controls from the Web page. Functionality flow provides only relevant information to users.	Karan, Yash	Ongoing
6	Security Testing	Login authentication and OTP testing.	Bhaskara	Ongoing

7	Project Report	Project report preparation	Kiran, Rajesh	Ongoing

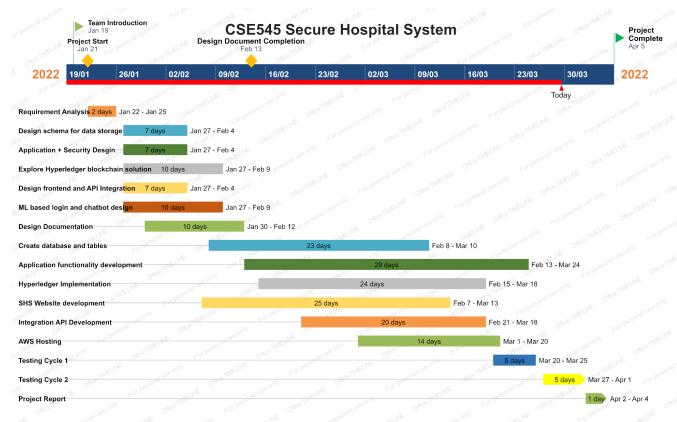
Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommend ed Action
ML for malicious login	Anthony, Manoja	Mar 28th	Bhaskara	Satisfactory	
Malicious Login	Bhaskara	Mar 28th	Karan	Satisfactory	
OTP with email	Bhaskara	Mar 28th	Yash	Satisfactory	
Login Authentication	Yash, Shashank	Mar 28th	Group Review	Satisfactory	

Issues

- 1. Integration testing requires a combined effort.
- 2. Slight delay in testing due to new issues in development. Need to put in extra effort over the weekend.
- 3. Organization of the work due to interdependencies of different components.

Gantt chart



Week 10 Progress