User Story:

As a cybersecurity specialist, I need a system that can instantly identify and respond to security threats using AI-driven network analysis, so that organizations can stay protected against new and evolving cyber attacks.

Sprint Backlog Tasks:

Task #	Task Description	Estimated Hours
1	Set up the project environment and initialize a Node.js server with Express	3 hours
2	Design a simple frontend dashboard using HTML and CSS to display threat alerts	6 hours
3	Configure MongoDB to securely store event logs and user activity	4 hours
4	Build a basic machine learning model with TensorFlow or Scikit-learn for threat detection	7 hours
5	Create backend APIs to handle network traffic data and send it for AI analysis	5 hours
6	Implement real-time visual updates on the dashboard for newly detected threats	6 hours
7	Develop secure login and role-based access control for users and admins using JWT or Passport.js	5 hours
8	Set up a real-time notification system for immediate threat alerts	6 hours
9	Perform testing to handle special cases like unusual traffic spikes or system recovery after downtime	5 hours
10	Fine-tune machine learning models and optimize backend APIs for better performance	6 hours
11	Conduct final integration testing, clean up code, prepare project documentation, and update the GitHub repository with a README file	4 hours