



# **Smart Health Prediction System**

## **Lab 4 Report**

**Software Project Management**

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## Risks & Counter Measures

1. Risk: Inaccurate diagnosis due to limited or biased data.

Countermeasure: Collect diverse and representative data from a variety of sources, including different age groups, genders, and ethnicities. Conduct regular data quality checks to identify and address any issues.

2. Risk: Low adoption rate of the platform.

Countermeasure: Conduct user research to identify the needs and preferences of the target audience. Develop a user-friendly and accessible interface that meets their needs.

3. Risk: User privacy and security may be compromised if the platform is hacked or data is leaked.

Countermeasure: Implement strong security measures such as encryption, two-factor authentication, and regular security audits to protect user data. Use a trusted cloud computing platform with robust security features.

## Resources

Ammar - Machine Learning Engineer

- Develop machine learning algorithms
- Test algorithms for accuracy and reliability

Jachimike - Front-end Developer

- Develop user interface and user experience
- Test user interface and user experience

Abdul - Back-end Developer

- Develop and test database management system
- Develop and test communication infrastructure
- Implement feature to connect users with medical specialists
- Deploy platform to cloud computing platform

## Fayomi - Data Analyst

- Research existing health prediction systems
- Gather relevant healthcare data
- Conduct marketing and promotional activities
- Monitor and analyze user data