



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

**SOFTWARE ENGINEERING (SPRING 2023-2024)**

**Group 2; Section: B**

**Project Proposal Title:**

*Tracking Mental Health Through Web and Mobile Check-Ins*

**Report No.: 8**

**Supervised by:**

**TONNY SHEKHA KAR**

**Submitted By:**

Name	ID
1. Lamyea Farha Nammi	21-45410-3
2. Jinia Sultana Sama	22-46301-1
3. Safkat Khan	22-46392-1
4. Abdullah Adnan Abul Kalam	22-47846-2
5. Jannatun Fardous	21-45527-3

**Date of submission: 2<sup>nd</sup> May, 2024**

## RISK ANALYSIS

## Risk Analysis:

Risk No.	Originator	Date Identified	Status	Risk Description	Impact Description	Impact (1-5)	Probability (1-5)	Score (1-25)	Mitigation Plan	Risk Owner	Targeted Due Date	Comments
1	Abdullah Adnan	30/4/24	Open	Inadequate data security measures	Breach of sensitive user data	5	4	20	Implement encryption protocols	Abdullah Adnan	30/5/24	Ok
2	Jinia Sultana	30/4/24	Open	Lack of user engagement	Low adoption rates and user satisfaction	5	5	25	Conduct user research, UX/UI improvements	Jinia Sultana	30/5/24	Ok
3	Lameya farha	30/4/24	Open	Insufficient testing coverage	Increased likelihood of bugs and errors	3	3	9	Implement comprehensive testing strategy	Lameya farha	30/5/24	Ok
4	Shafkat Khan	30/4/24	Open	Regulatory compliance violations	Legal penalties and damage to reputation	2	2	4	Stay updated on relevant regulations	Shafkat Khan	30/5/24	Ok
5	Jannatul Ferdaus	30/4/24	Open	Scope creep due to changing requirements	Project delays and increased development costs	5	3	15	Establish clear project scope and change control	Jannatul Ferdaus	30/5/24	Ok
6	Abdullah Adnan	30/4/24		Dependency on third-party APIs or services	Service disruptions or changes affecting functionality	4	2	8	Have backup plans or alternative providers	Abdullah Adnan	30/6/24	N/A
7	Jinia Sultana	30/4/24		Lack of scalability	System overload and performance degradation	5	4	20	Design software architecture for scalability	Jinia Sultana	30/6/24	N/A
8	Lameya farha	30/4/24		Limited resources (time, budget, personnel)	Compromised project quality and timelines	3	5	15	Prioritize tasks, allocate resources effectively	Lameya farha	30/6/24	N/A
9	Shafkat Khan	30/4/24		Integration challenges with existing systems	Data inconsistencies and functionality issues	5	5	25	Conduct thorough compatibility testing	Shafkat Khan	30/6/24	N/A
10	Jannatul Ferdaus	30/4/24		Technical debt accumulation	Increased development time and maintenance costs	5	4	20	Schedule regular refactoring and code reviews	Jannatul Ferdaus	30/6/24	N/A
11	Abdullah Adnan	30/4/24		Inadequate documentation	Difficulty in understanding and maintaining the code base	4	3	12	Enforce documentation standards	Abdullah Adnan	30/6/24	N/A
12	Jinia Sultana	30/4/24		Lack of stakeholder alignment	Miscommunication and conflicting priorities	2	5	10	Maintain regular communication with stakeholders	Jinia Sultana	30/6/24	N/A
13	Lameya farha	30/4/24		Data integrity issues	Incorrect or unreliable information in the system	3	10	30	Implement data validation checks	Lameya farha	30/6/24	N/A

## Resource Allocation:

[illegible]