❖ Sprint-1

➢ Epic-1 : Scam Detection

1: Scam Detection

Front Card:

As a user, I want the app to detect phishing links, scams so that I stay safe from fraud.

Back Card:

Success:

- Detects scam accurately.
- Returns confidence score (0-100).
- Explains results in simple language.

Failure:

- Scam missed.
- Confidence not shown.
- Overly technical explanation.

❖ Sprint-2

➢ Epic-2 : Secure User Registration

8: Secure User Registration

Front Card:

As a new user, I want to register with email/phone and a strong password, so that I can securely access the app.

Back Card:

Success:

- Registration validates unique email/phone and enforces password strength (min 8 chars, mix of types).
- Confirmation email/SMS sent with verification link.
- User profile created with default settings.

Failure:

- Duplicate accounts created.
- Weak passwords accepted.
- No verification step, leading to unconfirmed access.

➢ Epic-3 : Input & Scanning

3: Manual Input

Front Card:

As a user, I want to paste suspicious text, so that I can scan it manually.

Back Card:

Success:

- Manual input accepted.
- Result shown within set time.

Failure:

- Empty text accepted.
- No response from app.

4: SMS/Email Integration

Front Card:

As a user, I want secure SMS/email integration, so that messages are scanned automatically if I give permission.

Back Card:

Success:

- Email/SMS access granted with permission.

Failure:

- Email/SMS access granted without permission.
- Email/SMS access is not granted even with permission.
- Random Selection/Deselection of given permission.

5: Auto Scanning Service

Front Card:

As a user, I want automatic scanning of new messages, so that I don't have to scan manually every time.

Back Card:

Success:

- Background service scans instantly.
- Alerts triggered for suspicious text.
- The result is shown in notification with number and colour showing confidence level.

Failure:

- Auto-scan not functioning properly.
- Alerts are not triggered.
- The result is not shown in notification with number and colour showing confidence level.

❖ Sprint-3

➢ Epic-4 : Result Visualization & Simplicity

2: Result Dashboard

Front Card:

As a user, I want a simple dashboard, so that I can easily understand my scan results.

Back Card:

Success:

- Dashboard shows scan results clearly.
- Threats categorized by risk level.
- Display confidence score (0-100).

Failure:

- Dashboard confusing/empty.
- Wrong or missing scan result.

11: Summary Screen with History

Front Card:

As a user, I want a pie chart showing classification of messages and history of messages, so that I can track my safety over time.

Back Card:
Success:

- History visible with timestamps.
- Summary pie chart shows the classification of messages.

Failure:

- History missing.
- Pie chart shows wrong classification of messages
- No history or pie chart is visible.

17: Simplicity & Accessibility

Front Card:

As a non-technical user, I want the app to be simple, so that I can understand it easily.

Back Card:

Success:

- UI simple & intuitive.
- Explanations in plain language.

Failure:

- Complicated terms shown.
- Confusing UI flow.

➢ Epic-5 : Advanced Detection Quality

10: Multilingual Analysis

Front Card:

As a user, I want the different language messages analysed, so that I can detect scams regardless of language.

Back Card:

Success:

- Different language messages were scanned.
- Correct scan result provided across all languages.

Failure:

- Language is not supported.
- Wrong scan results in other languages.

15: Accuracy

Front Card:

As a user, I want accurate detection, so that false alarms are minimized.

Back Card:

Success:

- NLP model confidence more than some threshold on known scams.
- Few false positives/negatives.

Failure:

- Many safe texts flagged wrongly.
- Scams missed repeatedly.

❖ Sprint-4

➢ Epic-6 : Performance

16: Performance

Front Card:

As a user, I want fast scan results, so that I can act quickly.

Back Card:

Success:

- Manual scan within 10s.
- Auto scan within 30s.

Failure:

- Delays longer than expected.
- App freezes during scan.

➤ Epic-7 : User Feedback

6: User Feedback

Front Card:

As a user, I want to confirm or deny flagged messages as scam or safe, so that the system can improve accuracy.

Back Card:

Success:

- Feedback stored with scan result.
- Improves future detection.

Failure:

- Feedback is not stored.
- Feedback not linked to the right message.
- Feedback form is not appearing.

➤ Epic-8 : Personalization & Multilingual UI

7: Push Notifications

Front Card:
As a user, I want push notifications for threats, so that I can act accordingly.

Back Card:

Success:

- The result is shown in notification with number and colour showing confidence level.

Failure:

- The result is not shown in notification with number and colour showing confidence level.
- Wrongly sends an alert for safe text.
- Notification sent corresponding to wrong message.

9: Settings & Account

Front Card:

As a user, I want account and preference settings, so that I can control how the app behaves.

Back Card:

Success:

- Preferences saved as per user.
- Notifications and language adjustable.

Failure:

- Settings reset to default.
- Wrong account modified.

12: Multilingual App UI

Front Card:

As a user, I want the application user interface to display all the information in the selected language, so that I can understand the message and the reasoning behind it properly.

Back Card:

Success:

- The app detects the user's preferred language and shows UI in that language.
- All notifications should be shown in the selected language.

Failure:

- The app shows the UI in some other language.
- The app doesn't change the UI.

➢ **Epic-9 : Security & Privacy**

13: Privacy (Anonymous)

Front Card:

As a user, I want my message content to remain private, so that my sensitive data is not stored unnecessarily.

Back Card:

Success:

- Only analysis output stored.
- No raw message saved.

Failure:

- Full message stored.

14: Secure Connections (Cyber Attack Proof)

Front Card:

As a user, I want secure encrypted connections, so that my credentials and data remain safe.

Back Card:

Success:

- HTTPS + encrypted API calls.
- Passwords encrypted.

Failure:

- Plain-text data transmission.
- Password stored in plain text.