Test Plan for the Tweet\_Deck Website

Test plan Identifier - Tweet\_Deck\_TestPlan\_001

# Introduction

* The purpose of the test plan is to define the test strategy for the Tweet\_Deck website.

# Test Item

* Website URL
* Website Logo
* Website login / logout
* Website Feed functionality
* Website Tweet functionality

# Feature to be Tested

1. User Interface

* Consistency in design across different pages.
* Logo

1. Account Management

* User registration and login processes.
* Password recovery and account settings modifications.

1. Navigation

* Navigate between pages e.g. Home to profile
* Check all buttons

1. Tweet Functionality

* Tweet text box
* Media upload button
* Tweet button

1. Follow / Unfollow Functionality

* User following each other

Feature Not to be Tested

* Backend Interaction

# Approach

* Functional Testing –
* Unit testing – check individual components (Ex. Upload Media is uploading or not)
* Integration Testing – Ensure seamless interaction between different module (e.g. Home and User profile)

* Non – Functional Testing –

- Response Time – check response time taken by client request

- Performance Testing – Measure page load times under various network conditions.

- Usability Testing - Assess the overall user experience, ensuring the interface is intuitive and easy to navigate. - Gather feedback from real users to identify any usability issues.

# Item Pass/Fail Criteria

* Pass: - All functionalities work as expected, without any critical or major defects.
* Fail: - Any critical or major defects found, especially those that hinder the application's core functions.

# Test Deliverables

* Test results and defect logs
* Test summary report
* Test data.
* Test cases and test scripts.

# Environmental Needs

* Test environment replicating the production setup (devices, versions)

Responsivities

* Test Lead: Overall test planning and Execution oversight.
* Test Engineers: Wring and executing test cases, reporting bugs.
* Developers: Fixing reported bugs.

Schedule

* Test Case Design: 01-09-2024
* Test Execution: 01-09-2024
* Defect Reporting: Ongoing during test execution
* Test Completion: 01-09-2024

Approvals

* Approved by:
* Date: