

## I. Test Strategy

### A. Testing type:

- Functional testing: To ensure that each functionality of the crowdfunding feature works as intended.
- Usability testing: To evaluate the user-friendliness and ease of use of the feature.
- Compatibility testing: To verify the compatibility of the feature across different devices (Desktop, Laptops, Tablets, Mobile devices iOS or Android) and browsers (Firefox, Safari, Edge, Chrome, ...) on screen size and resolution, device orientations (landscape, portrait orientations)
- Security testing: Assess the security measures implemented to protect user data and transactions (data input, output, authentication, vulnerable, ...)
- Contract testing: To verify the compatibility and proper integration between different services or components involved in the platform.
- Performance testing: Measure the system's response time, scalability, and stability under various load conditions.
- Integration testing: Validate the seamless integration of the crowdfunding feature with the existing platform.
- Disaster / Recovery testing: To assess the ability to recover its critical systems and operations in the event of a disaster or major disruption (Power outage, System failure, Cloud platform down, Cyber security, Human error, ...)

### B. Prioritize of testing:

- Critical Functionality: Start with testing the core functionalities such as creating a campaign, contributing to a campaign, and tracking progress.
- High-Risk Areas: Focus on testing areas prone to potential issues like payment processing, data security, and campaign sharing.
- User Experience: Emphasize testing user interactions, responsiveness, and overall user experience.
- Compatibility and Performance: Conduct testing on various devices, browsers, and under different load conditions to ensure smooth operation.

## II. Bug Reports

- Bug ID: Assign a unique ID or use an existing bug tracking system to track and manage the reported bug.
- Bug type: Type of the bug (Visual, Content or Functional bug)
- Summary: A concise summary of the bug encountered.
- Description: A detailed description of the bug, including steps to reproduce and expected vs. actual results.
- Severity/Priority: Assign appropriate severity and priority levels to the bug based on impact and urgency.
- Environment: Mention the browser, and the environment where the bug occurred.

- Screenshots: Include relevant screenshots to provide visual evidence of the bug.
- Data Provide: Attach any additional files, API content, API body or logs relevant to the bug.
- Reproducibility: Specify if the bug is reproducible constantly or intermittently.
- Tester Information: Include details about the tester who encountered the bug (name, ID, date, etc.).
- Date/Time: Mention the date and time the bug was encountered.