GeekyAnts

# Test Plan

# “COMDEALL”

GeekyAnts

# TABLE OF CONTENTS

# 1 INTRODUCTION

The Comdeall team wants to revamp the existing application to enable the users to offer an appointment booking experience to parents and therapists. It will now allow users to log in and onboard quickly, automatically linking the assessment and lesson plan based on scores, capture the attempted unregistered users' data, transaction history & invoice detail modification, Subscription plan management migration to the Play Store and app store. As a part of this phase, we will be doing the in-scope development in mobile applications for Android and iOS, which will work seamlessly on all supported mobile devices.
Additionally, the existing web admin platform will be modified as per the user (Parent/Therapist) side changes to efficiently manage the application and enhance the user experience, ensuring centralized control for optimized user management.

## Team Members:

| Title/Department | Name |
|---|---|
| Business Analyst | Saleheen A Fahmi |
| Tech Lead | Suresh Konakanchi |
| Developers | Omkar Kolate, Kandimalla Sai Kiran, Vankadari Sai Kumar, Aditya Raj Prasad, Hardik Sawhney, Kukunuru Venu |
| QA | Saurabh Kumar Singh |

## Reference Documents:

| Document | URL |
|---|---|
| Figma (Therapist Flow) | *CLICK HERE* |
| Figma (Parent Flow) | *CLICK HERE* |
| Figma (Admin Flow) | *CLICK HERE* |

## 1.1 Scope

### 1.1.1 In Scope

- UI/UX Testing (Mobile)
- Functional Testing
- Integration Testing
- Sanity Testing
- Regression Testing

### 1.1.2 Out of Scope

- Performance Testing
- Security and Penetration Testing
- Automation Testing.

## 1.2 Quality Objective

Ensure high software quality by implementing thorough testing processes aimed at detecting and resolving defects, improving user experience, and delivering a robust, reliable product that aligns with customer expectations.

## 1.3 Roles and Responsibilities

Detailed descriptions of the roles and responsibilities of different team members are as follows:

- **Test Manager** – Oversees the planning, coordination, and internal review of test strategies, including detailed test plans and test cases.
- **Developers** – Responsible for building and maintaining websites, promptly addressing reported bugs to ensure optimal functionality, performance, and reliability.
- **QA Engineer** – Designs comprehensive test plans and test cases, executes testing across all environments, logs identified issues, and provides final quality sign-off before release.

# 2 TEST METHODOLOGY

## 2.1 Overview

The test methodology selected for the project:

- **Agile Methodology:-** "Adopting Agile methodology for the project enables iterative development and continuous testing to deliver high-quality software."

## 2.2 Test Levels

- Sanity testing.
- Smoke testing.
- Functionality testing.
- Integration testing.
- Regression testing.
- UAT: User acceptance testing.

## 2.3 Test Completeness

- Ensure 100% execution of all planned test cases to comprehensively cover critical functionalities and scenarios.
- Promptly address and resolve all identified issues and defects.
- Validate overall software readiness for production release.
- Provide formal test sign-off upon successful completion of validation.

# 3 TEST DELIVERABLES

Test deliverables are as follows:

- Test plan.
- Test cases.
- Test report.
- Conditional sign-off /Sign-off

# 4 RESOURCES & ENVIRONMENT NEEDS

## 4.1 Testing Tools

- Bug Tracking Tool - **JIRA**
- Project Management Tool **- JIRA**

## 4.2 Environment Configuration and Management.

1. **iOS Environment:**
   - Development (Dev) Environment:
     - Language:
     - Framework:
     - Database:
     - Simulator: Xcode iOS Simulator on macOS will be used for initial testing and debugging during the development phase.
   - Quality Assurance (QA) Environment:
     - Testing Devices: iPhone SE (Physical Device)
   - Staging Environment:
     - A stable build for testing will be provided to QA testers.
2. **Android Environment:**
   - Development (Dev) Environment:
     - Language:
     - Framework:
     - Database:
     - Simulator: **NO NEED**
   - Quality Assurance (QA) Environment:
     - Testing Devices: Samsung A21 (Physical Device)
   - Staging Environment:
     - A stable build for testing will be provided to QA testers
3. **Device Specifications(Android & iOS):**
   - **iOS:** iPhone SE
   - **Android:** Samsung A21

# 5 ENTRY AND EXIT CRITERIA

### Entry Criteria:

- Completion of the software development phase.
- Availability of the latest build for testing.

- Clear and approved test objectives and requirements.
- Test environment readiness and configuration.
- Test data and necessary resources prepared.

### Exit Criteria:

- Successful execution of all planned test cases.
- All critical defects were resolved and retested.
- Acceptance criteria met as per the test plan.
- Formal sign-off from the testing team.
- Test summary report prepared and approved.

# 6 TERMS/ACRONYMS

| TERM/ACRONYM | DEFINITION |
|---|---|
| QA | Quality Assurance. |
| UAT | User Acceptance Testing. |