



BATTELGROUND

MOBILE INDIA

Business Requirement Document (BRD)

TEST PLAN

Product Name: BGM

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1. Introduction

BGMI (Battlegrounds Mobile India) is a popular online multiplayer battle royale game designed for mobile users. This Business Requirement Document (BRD) outlines the high level business needs and functional expectations of the application. The document serves as a reference for understanding application behavior and acts as a foundation for manual testing activities.

2. Business Objectives

The primary objective of BGMI is to deliver a seamless, secure, and engaging gaming experience to users. The application should support smooth login, intuitive navigation, reliable matchmaking, real-time gameplay, and effective social interaction features while maintaining application stability.

3. Application Overview

BGMI allows players to participate in competitive multiplayer matches with real players across different maps and modes. Users can customize their profiles, manage friends, adjust game settings, and participate in events.

4. Scope of Application

4.1 In Scope:

- User Login and Authentication.
- Home Screen and Dashboard Navigation.
- Match Selection, Match Start, and Exit Flow.
- Friends Management (Add, Remove, Invite).
- Audio and Network Management.
- Player Profile and Game Settings.
- Logout and Session Management.

4.2 Out of Scope:

- Automation and Performance Testing.
- Back end Server Validation.
- In-App Purchase and Payment Features.

5. Stakeholders

- Business Owner / Client.
- Product Management Team.
- Development Team.
- Quality Assurance (Manual Testers).
- End Users (Players).

6. Business Requirements

BR-01 User Login: The system shall allow users to login using valid credentials and display appropriate error messages for invalid attempts.

BR-02 Home Screen: Upon successful login, the system shall display the home screen with available game modes, events, and profile access.

BR-03 Match Selection: The user shall be able to select desired match type and successfully start a match.

BR-04 Friends Module: The system shall allow users to manage friends and invite them to matches.

BR-05 Settings: Users shall be able to update game settings and changes shall persist across sessions.

BR-06 Audio: The system shall provide configurable in-game audio including music, sound effect, and voice chat.

BR-07 Network: The system shall require a stable internet connection and handle network interruption with appropriate message.

BR-08 Profile: The system shall display accurate player profile details.

BR-09 Logout: The system shall allow secure logout from the application.

7. Functional Requirements

Functional Requirements define what the BGMI application should do. They describe the main features and gameplay actions.

- User registration and login.
- Solo, Duo, and Squad mode selection.
- Matchmaking and lobby creation.
- Player movement and controls.
- Weapon pickup and inventory management.
- Match result and ranking display.

8. Non-Functional Requirements

Non-Functional Requirements describe how well the BGMI application should perform. They focus on quality, performance, and reliability.

- Smooth gameplay without lag.
- No crash during long matches.
- Fast matchmaking response.
- Secure handling of user data.
- Compatibility with multiple devices.
- Good graphics and sound quality.

9. Assumptions and Constraints

9.1 Assumptions:

- User has a stable internet connection.
- Device meets minimum system requirements.

9.2 Constraints:

- Testing is performed manually.
- Testing limited to accessible application features.

10. Dependencies

- Availability of stable BGMI build for testing.
- Test environment setup (devices, OS versions, network).
- Access to test accounts and credentials.
- Timely clarification of requirements from stakeholders.
- Back end services and API s must be functional.
- Third-party integration (payment, login) availability.
- Approval of test scope and timelines.

11. Acceptance Criteria

- All business requirements must function as expected.
- Application should not crash during normal usage.
- Error messages should be clear and user-friendly.

12. Conclusion

This Business Requirement Document provides a structured overview of BGMI application requirements. It serves as a baseline document for manual testing, test case design, and validation of application functionality against business expectations.

13.Approvals & Sign-off

- Business Analyst approval of requirements.
- Project Manager approval of scope and timeline.
- QA Lead approval of testing strategy.
- Client/Stakeholder final sign-off.
- Change requests must be approved before execution.
- Final approval after successful test completion.