**<Planeta Kino>**

**Test Plan**

**Version <1.2>**

| **Planeta Kino** | **Version <1.2>** |
| --- | --- |
| **Date of Test Plan** | **30.08.2023** |
| **Test Plan Identifier** | **YY-XXY01** |

# Revision History

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| <22/07/2023> | <1.0> | - | <Maksym Palamarchuk> |
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|  |  |  |  |

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# **Test Plan Identifier**

**YY-XXY01**

# **References**

<https://planetakino.ua/>

# **Introduction**

This test plan describes the test approach and strategy of testing of PlanetaKino website, that is an online platform for movie lovers to book tickets, view movie schedules, and access additional services related to cinema. The purpose of this plan is to ensure that the website functions as expected and provides enjoyable user experience.

* **Purpose**

The purpose of this test plan is to determine testing activities, methodologies and responsibilities that are required for validating functionality of PlanetaKino. We aim to identify any defects,vulnerabilities to ensure that the platform works smoothly and meets the expectations of its users.

* **Scope**

This test plan covers all Functional testing, UI testing, Cross Browser testing and Localization testing for PlanetaKino. The scope includes manual testing for delivering an user-friendly platform

* **Testing objectives**
  + Validate basic functionality of PlanetaKino including ticket booking, movie schedule display, user account management and search system.
  + Verify compatibility of the website on different browsers
  + Assess the usability and user experience to provide them intuitive and enjoyable platform for movie lovers

# **Features to be Tested**

* **Login form**
* **Registration form**
* **Payment processing**
* **Ticket booking process**
* **Movie and information search**
* **User account management**
* **Layout and Website navigation**

# **Features not to be Tested**

* **Security features**
* **Movie reviews and ratings**
* **Archive of movies**
* **Filters**

# **Software risk issues**

* **New version of interfacing website**
* **Extremely complex functions (Payment Gateway Integration, Multi-Language Support, User Account Management, Real-time Ticket Availability, Ticket Refund and Cancellation,Interactive Seat Selection)**
* **Government regulations and rules(Requirements to the language of websites, Content requirements for web sites etc.)**
* **Poorly documented modules or change requests**
* **Incompatible Browser Versions**
* **Modifications of ticket booking system may cause the website to fail**

# **Strategy and Approach**

* **Strategy**

The test plan for the PlanetaKino website will focus on acceptance testing, which includes evaluating the functionality, usability and compatibility of the website. Testing will be done manually using available resources, as special testing tools are not available. Testing is performed by a single tester who relies on his skills and knowledge to effectively perform the required tests. To ensure comprehensive testing, the website will be tested on different browsers, including Google Chrome, Microsoft Edge and Orega, to check cross-browser compatibility.​

Given the absence of requirements, the tester will focus on testing the visible functionality of the website. He will rely on his understanding of functionality and user expectations.​

The overall testing strategy aims to ensure thorough manual testing of the PlanetaKino website. Regardless of resource and access limitations, the tester will make the most of available tools and knowledge to evaluate the functionality, usability and compatibility of the website.​

* **Approach**

Three stages of the testing process are planned.

The first stage consists in the analysis of technical checklist specifications, test

cases, drawing up a checklist and test cases, and drawing up a test plan.

The second stage will be devoted to detailing the functional checklist and the detailed running of functional tests. Functional tests are performed on prioritized (high

to low) from the business side.

At the third stage, there will be the identification and description of defects

* **Test Environment**

| **Test Environment** | **Version** |
| --- | --- |
| Google Chrome | **115.0.5790.102** |
| Microsoft Edge | **115.0.1901.183** |
| Opera GX | **100.0.4815.82** |

* **Test types**
  + **Functional testing - we verify that testing functionality works correctly.**
  + **UI testing - we verify that all UI-elements on the testing page are visible (Main page, Schedule page, Movie page).**
  + **Localization testing - we check whether a user watches content in one language.**
  + **Cross-browser testing - we bring all tests from Checklist and Test Cases and perform it on different** [**browsers**](#bookmark=id.26in1rg)
* **Entry Criteria**
  + **The requirements are approved**
  + **The website construction is completed**
  + **Necessary devices, tools and other equipments are acquired**
* **Exit Criteria** 
  + **All test cases are performed**
  + **All errors with high or medium priority and severity are fixed**
  + **more than 97% test cases has status “Passed”**
  + **There are 2 % Bugs that doesn't fix and has “Minor” severity**

# **Suspension Criteria and Resumption Requirements**

* **Suspension Criteria**
  + **critical defects significantly impact the system's core functionalities.**
  + **air alarm continues longer than 30% of the working time**
  + **there are changes to the project scope that require reevaluation of test cases and resources**
  + **more than 40% of region is occupied**
* **Resumption Requirements**
  + **critical defects are fixed and verified by the development team.**
  + **canceling the air alarm**
  + **the approval of updated test cases and test data following changes to the project scope.**

# **Test Deliverables**

* **Test plan**
* **Test Cases**
* **Checklists**
* **Bug reports**

# **Responsibilities**

* **QA Engineer**
  + **Pass Test Cases**
  + **Find bugs and create Bug reports in Jira**
  + **Improve quality of website**
  + **Create test documentation (Test plan, Test Cases, Test data etc.)**
  + **Manage the whole testing process**

# **Schedule**

| **Process** | **Time** |
| --- | --- |
| **Requirement analysis** | **5 days** |
| **Creating test documentation** | **10 days** |
| **Perform tests** | **6 days** |
| **Creating bug reports** | **7 days** |
| **Retesting** | **1 day** |

# **Planning Risks and Contingencies**

* **Lack of availability of required hardware, software, data or tools.**
* **Late delivery of the software, hardware or tools.**
* **Requirements definition will be complete by July 30, 2023, and, if the requirements change after that date, the following actions will be taken.**
  + **The test schedule and development schedule will move out an appropriate number of days.**
  + **The scope of the plan may be changed.**
  + **The test team will work overtime.**
    - **This could affect team morale.**
  + **The number of acceptable defects will be increased.**
  + **These two items could lower the overall quality of the delivered product.**
  + **Changes to the original requirements or designs.**
* **Escalation of war**