**Test Plan for Manual Testing of the iTX-Cast System**

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1. **Introduction:**

**Purpose:** Ensure the functionality and stability of the iTX-Cast system according to its specifications and user expectations.

**Scope of Testing:** The testing covers the administrative and operational functions of the system as described in the administrator and OCC (Operational Control Center) manuals.

1. **Scope**

**Components to be Tested:**

* Administrative panel
* Operational panel (OCC)

1. **Testing Strategy**

**Testing Methods:**

* Functional testing
* User Interface (UI) testing
* Integration testing

**Testing Tools:**

* Manual testing

1. **Functional Areas of Testing**

**Administrative Panel:**

* User management (creation, editing, blocking, deletion)
* Group management (creation, editing, deletion)
* Scheduling and management (creation, assignment to groups and displays)

**Operational Panel (OCC):**

* Announcements (activation, deactivation)
* Events (equipment breakdowns, delays, absence of trains)
* Task history
* Control Panel (SMP)

1. **Test Scenarios**

**Administrative Panel**:

1. Creation of a new user
2. Editing an existing user
3. Blocking a user
4. Deleting a user
5. Creation of a new group
6. Adding a display to a group
7. Assigning a schedule to a group

**Operational Panel (OCC):**

1. Activation of an announcement
2. Deactivation of an announcement
3. Activation of an equipment breakdown event
4. Deactivation of an equipment breakdown event
5. Activation of a delay event
6. Deactivation of a delay event
7. Activation of a train absence event
8. Deactivation of a train absence event
9. Viewing task history

**6. Acceptance Criteria**

* All functional requirements must be met without errors.
* The user interface must be intuitive and user-friendly.
* The system must correctly handle all types of events and announcements.
* All activated events and announcements must be correctly displayed on the respective displays.

**7. Resources**

* **Tester:** 1 manual tester
* **Time:** 3-4 weeks
* **Tools:** Computers with access to the iTX-Cast system, system documentation, test scenarios

**8. Schedule**

* **Day 1-2:** Familiarization with the documentation, setting up the test environment
* **Day 3-13:** Testing the administrative panel
* **Day 13-20:** Testing the operational panel
* **Day 20-21:** Preparation and submission of the test report

**9. Reporting**

All found bugs and deviations will be documented and submitted to the development team for correction. Upon completion of the testing, a final report with the test results and recommendations will be prepared.