| Project name | Plannerix |
| --- | --- |

| Project author | | | |
| --- | --- | --- | --- |
| № | Names of Participants | | FN |
| 1 | Martin Popov | | 82134 |

| 1. Short project description (Business needs and system features) |
| --- |
| Plannerix is a web scheduling application which is designed to simplify the management of one’s schedule. There are no limitations as to who can make use of it, since its main purpose is to be used by everyone. From students to teachers and workers, everyone can use it to keep track of their day-to-day life.  Application Roles  1. User  Description: Users are the core participants of Plannerix. They can register, log in, and manage their schedule.  Responsibilities: Creating events, reminders, groups.  2. Administrator  Description: Administrators have enhanced privileges, primarily used for managing the application's users and groups.  Responsibilities: User management, groups moderation. |

| 1. **Main Use Cases / Scenarios** | | |
| --- | --- | --- |
| **Use Case Name** | **Brief Description** | **Actors Involved** |
| * 1. **User Registration** | **New users sign up by providing required information.** | **Users** |
| * 1. **User Login** | **Registered users log in to access their accounts.** | **Users, Admins** |
| * 1. **Create Event** | **Users create events.** | **Users, Admins** |
| * 1. **Browse Schedule** | **Users browse their schedule.** | **Users, Admins** |
| * 1. **Add a subject** | **Users add new subjects to their schedule.** | **Users, Admins** |
| * 1. **Add an event** | **Users add new events.** | **Users, Admins** |
| * 1. **Add a reminder** | **Users add reminders for events.** | **Users, Admins** |
| * 1. **Create group** | **Users create groups.** | **Users, Admins** |
| * 1. **Join/follow group** | **Users join groups.** | **Users, Admins** |
| * 1. **Add event result** | **Users add event results.** | **Users, Admins** |
| * 1. **Manage users** | **Users are managed by admin.** | **Admins** |
| * 1. **Manage groups** | **Users manage groups (create events, reminders, etc.).** | **Users, Admins** |
| * 1. **Change user settings** | **Users change profile settings** | **Users, Admins** |
| * 1. **User Logout** | **Users log out to secure their accounts.** | **Users, Admins** |

| 1. **Main Views (Frontend)** | | |
| --- | --- | --- |
| **Name** | **Description** | **Actors Involved** |
| * 1. **Schedule view** | **View for schedule.** | **Users, Admins** |
| * 1. **Add subject view** | **View for adding subjects.** | **Users, Admins** |
| * 1. **Add event view** | **View for adding scheduled events** | **Users, Admins** |
| * 1. **Add reminder view** | **View for creating a reminder** | **Users, Admins** |
| * 1. **Add reminder view** | **View for creating a reminder** | **Users, Admins** |
| * 1. **Group view** | **View for creating a group** | **Users, Admins** |
| * 1. **Settings View** | **View for changing user settings.** | **Users, Admins** |
| * 1. **Login and Registration Views** | **View for login and register.** | **Users, Admins** |
| * 1. **Summary view** | **View for upcoming events/subjects** | **Users, Admins** |
| * 1. **Manage users view** | **Shows list of users and option to delete them.** | **Admins** |

| 1. **API Resources (Backend)** | | |
| --- | --- | --- |
| **View name** | **Brief Descriptions** | **URI** |
| **4.1 User Registration** | **Register a new user (POST).** | **/api/register** |
| * 1. **User Login** | **Authenticate and log in a user (POST).** | **/api/login** |
| * 1. **User Profile** | **Retrieve user profile information (GET).** | **/api/users** |
| * 1. **Update User Settings** | **Get settings (GET)**  **Update user-specific settings (PUT).** | **/api/settings** |
| * 1. **Add a (recurring)event** | **Get user events (GET)**  **Adds events (POST)** | **/api/events** |
| * 1. **Event** | **Add event result (POST)**  **Deletes an event (DELETE).** | **/api/events/{id}** |
| * 1. **Reminder** | **Get reminders (GET)**  **Adds a reminder to an event (POST).** | **/api/reminders** |
| * 1. **Delete a reminder** | **Deletes a reminder (DELETE).** | **/api/reminders/{id}** |
| * 1. **Groups** | **Get user groups (GET)**  **Creates a new group (POST).** | **/api/groups** |
| * 1. **Modify group** | **Add events to a group (POST)**  **Delete group (DELETE)** | **/api/groups/{id}** |
| * 1. **Group rating** | **Rate group (POST)** | **/api/groups/{id}/rating** |
| * 1. **Group members** | **Invite group members (POST)** | **/api/groups/{id}/members** |
| * 1. **Follow group** | **Follow a group (POST)** | **/api/groups/{id}/follow** |