# **Vaad-bayit**

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## **Context**

Vaad Bayit is a website for taskes, payments, lists and notification management of building’s with multiple residents. The website is built for the building’s managing residents with option for other residents to watch statistics and other general information. A user will be able to manage multiple buildings, and multiple users will be able to manage one building.

## **Use case(s)**

## Landing page:

* **View introduction** - a guest will be able to view a high-level preview (landing page) of the application

## Signup & Authentication:

* **Register** - a guest will be able to create an admin account.
* **Login** - a registered user will be able to sign in his account.
* **Logout** - auth user will be able to sign out of his account.
* **Password recovery** - a registered user will be able to recover his password via his email.

## User roles:

* **Admin** – user who signed up as the manager of a building. One admin can manage multiple buildings and multiple admins can manage one building.
* **Resident** – user who was invited by an admin and has no editing capabilities.

## Buildings:

Building is the main view of an admin management page. Inside a building page will be all the functionality related to the management, projects, finance and reports of the buildings.

* **Create building** - admin will be able to create a building.
* **View buildings** - admin will be able to view all his managed buildings.
* **Edit building** - admin will be able to edit a building information.
* **Delete building** - admin will be able to request deletion of building (deletion of building will be a request made to Vaad-Bayit team with appropriate documents).

## Apartments:

Apartments are the managed components of a building. They are detached from a human identity and are the “users” of the managed building. Every apartment will contain its resident contact information (which will be used to send notifications).

* **Create apartment** - admin will be able to create an apartment.
* **View apartments** - admin will be able to view all apartments of a building.
* **Edit apartment** - admin will be able to edit an apartment information.
* **Delete apartment** - admin will be able to delete an apartment.

## finanace:

* **Add residents’ payments** - admin will be able to add a payment from residents.
* **Add expenses** - admin will be able to add recurring and one-time expenses.

## Projects:

Projects are a list of decisions that were voted and needs to be promoted after a resident meeting.

* **Create a Project** - admin will be able to create a project.
* **View Projects**- admin will be able to view all projects of a building.
* **Edit a Project** - admin will be able to edit project information.
* **Delete a Project** - admin will be able to delete a project.

## Assignments:

Assignments contain all the actionable steps in a project.

* **Create an assignment** - admin will be able to create an assignment.
* **View assignments** - admin will be able to view all assignments of a project.
* **Edit an assignment** - admin will be able to edit assignment information.
* **Delete an assignment** - admin will be able to delete an assignment.
* **Assign a person** - admin will be able to assign another admin or resident to an assignment.
* **Mark assignment as complete** -admin will be able to mark assignment as complete.

## Reports:

Reports page has a monthly and yearly views of a building’s income, expenses, active projects list, current residents surename and buildings admins (with roles).

* **View monthly report** - admin and residents will be able to view monthly reports.
* **View yearly report** - admin and residents will be able to view yearly reports.
* **Create collection** - an auth user will be able to create a collocation and include some projects in it.
* **Edit collection** - an auth user will be able to edit a collocation, rename it, or choose which project to include or exclude in the collection.
* **Delete collection** - an auth user will be able to delete a collocation.
* **View collections** - an auth user will be able to view the project he collaborated in or own, categorized by the collections that he created.
* **View favorites** - an auth user will be able to view the projects that he marked as favorite.
* **View archived projects** - an auth user will be able to view the projects that he throws into the archive.
* **Restore archived project** - an auth user will be able to unarchive a project.
* **Add collaborator** - an auth user will be able to send another registered user an invitation to join as a collaborator to the project that he owns.
* **View project/team invitations** - an auth user will be able to see a list of team/project invitations.
* **Response to invitations** - an auth user will be able to accept or reject any kind of invitation.
* **Block user** - an auth user will be able to add another registered user to a blacklist so he won't message or invite him anymore.
* **Remove collaborator** - a project owner will be able to remove collaborators from his project.
* **Manage collaborators ranks** - a project owner will be able to give each collaborator a rank.
* **manage ranks for collaborators** - a project owner will be able to create and edit ranks.
* **Limit access for collaboration according to rank** - a project owner will be able to limit the collaborator's access to the project by his rank.
* **Create a team** - an auth user will be able to create a team.
* **View teams** - auth users will be able to view the teams that he owns or participate in.
* **Delete team** - a team owner will be able to delete a team if it's empty.
* **Add team member** - an auth user will be able to invite another registered user to be a member of his team according to his rank.
* **Manage team members ranks** - an auth user will be able to give each user a rank.
* **Define ranks for team members** - a team owner will be able to define/edit ranks for the team.
* **Create team projects** - an auth user will be able to create a project and include his team in it without sending invitations and inherit their ranks from the team definitions.
* **Join with Facebook** - any guest or user be able to register or log in an existing account via Facebook.
* **Join with google** - any guest or user will be able to register or log in an existing account via google.
* **View project task management panel** - an auth user will be able to view the project's task management panel if it's public or according to his project rank.
* **View sections** - an auth user will be able to see the project sections according to his rank or project privacy.
* **Create sections** - an auth user will be able to create sections in his project according to his rank.
* **Rename sections** - an auth user will be able to rename sections in his project according to his rank.
* **Edit section order** - an auth user will be able to edit section order with a dropbox according to his rank.
* **Search sections** - an auth user will be able to filter the projects and search for them.
* **Create a task** - an auth user will be able to create a task in a section according to his rank.
* **Rename task** - an auth user will be able to rename a task according to his rank.
* **View tasks** - an auth user will be able to see tasks in every section according to his rank or project privacy.
* **Delete task** - an auth user will be able to delete tasks according to his rank.
* **archive task** - an auth user will be able to archive a task according to his rank.
* **Unarchive task** - an auth user will be able to unarchive a task according to his rank.
* **View archived tasks** - an auth user will be able to view a list of archived tasks.
* **View task history** - an auth user will be able to see the task history according to his rank.
* **View task properties** - an auth user will be able to view the task properties: attachments, description, lists, Images, Links, assigned members, and due dates.
* **Create task properties**- an auth user will be able to create the task properties: attachments, description, lists, Images, Links, assigned members, and due dates.
* **Edit task properties** - an auth user will be able to edit the task properties: attachments, description, lists, Images, Links, assigned members, and due dates.
* **Assign members to a task** - a collaborator will be able to assign another collaborator to a task and it will send the assigned member notification.
* **Remove task properties** - an auth user will be able to remove task properties.
* **change account name** - an auth user will be able to change his name.
* **Add profile information** - an auth user will be able to add information about themselves like Company, Website, Location, skills, Github Username, social link.
* **Edit profile information** - an auth user will be able to edit the information that he included in his profile.
* **Get notifications** - a project member can get notifications according to his task or project activity that he assigned too.
* **Message registered user** - an auth user will be able to message other users on the platform.
* **Mute notification for projects** - an auth user will be able to mute project activity notifications.
* **Mute notification for tasks** - an auth user will be able to mute task activity notifications.

## **User stories**

* **As a user, I would like to create new projects.**
  + **Preconditions**: Logged in.
  + **Description**: A user will be able to go to the project to create a page and by filling the form with the properties project name privacy: public or private and include which members he wants to invite in the project or choose a team instead.
* **As a user, I would like to see a list of the projects that I own.**
  + **Preconditions:** Logged in, has created projects.
  + **Description:** A user will be able to go to the projects page and in the owned project section see a list of projects by name.
* **As a user, I would like to see a list of projects I participate in.**
  + **Preconditions:** Logged in, another user created a project, received a project invitation, accepted a project invitation.
  + **Description:** A user will be able to go to the project page and in the collaboration, the project section sees a list of projects by name.
* **As a user, I would like to have the ability to archive projects**
  + **Preconditions:** Logged in, has a project created.
  + **Description:** A user will be able to go to the project page then click on the project menu and choose the archive option.
* **As a user, I would like to have the ability to delete projects**
  + **Preconditions:** Logged in, has a project created.
  + **Description:** A user will be able to go to the project page then click on the project menu and choose the delete option.
* **As a user, I would like to have the ability to edit projects**
  + **Preconditions:** Logged in, has a project created.
  + **Description:** A user will be able to go to the project page then click on the project menu and choose the edit option then a popup form with the current values will appear by changing those values and submitting the form the user will be able to update the project details like privacy status. Project name and project members.
* **As a user, I would like to have the ability to set projects as a favorite**
  + **Preconditions:** Logged in, has a project created.
  + **Description:** A user will be able to go to the project page then click on the project menu and choose the favorite option.
* **As a user, I would like to create new collections.**
  + **Preconditions:** Logged in.
  + **Description:** A user will be able to go to the collections sub-page on the project page click on create a new collection button and fill the form that popup with the collection name and which project to include if any.
* **As a user, I would like to view my collections.**
  + **Preconditions**: Logged in, a collection created.
  + **Description:** A user will be able to go to the collections sub-page on the project page and view a list of collections.
* **As a user, I would like to edit my collections.**
  + **Preconditions:** Logged in, a collection created, a project created.
  + **Description:** A user will be able to go to the collections sub-page on the project page and view a list of collections and click on the menu choose the edit option to rename the collection or edit the projects that included.
* **As a user, I would like to delete my collections.**
  + **Preconditions:** Logged in, a collection created, a project created.
  + **Description:** A user will be able to go to the collections sub-page on the project page and view a list of collections and click on the menu to choose the delete option.
* **As a user, I would like to view archived projects**
  + **Preconditions:** Logged in, a collection created.
  + **Description:** A user will be able to go to the collections sub-page on the project page and view a list of collections.
* **As a user, I would like to unarchive projects.**
  + **Preconditions:** Logged in, a project created, project archived.
  + **Description:** A user will be able to go to the subpage archived of the project page click on the menu and choose the option to unarchive a project.
* **As a user, I would like to add collaborators to my project.**
  + **Preconditions:** Logged in, created a project
  + **Description:** A user will be able to go to the project page, choose a project click on the edit option to add more collaborators.
* **As a user, I would like to view project/team Invitations.**
  + **Preconditions:** Logged in, created Invitations by another user to the current one.
  + **Description:** A user will be able to go to the Invitation page and view the list of invitations there.
* **As a user, I would like to respond to invitations.**
  + **Preconditions:** Logged in, created Invitations by another user to the current one.
  + **Description:** A user will be able to go to the Invitation page and click on accept or reject on every Invitation.
* **As a user, I would like to block other users.**
  + Preconditions: Logged in, another user registered, received message or invitation from another user.
  + Description: A user will be able to go to the invitation page or messages click on the menu at the user that he wish to block and chose the block option.
* **As a user, I would like to remove collaborators from my project.**
  + **Preconditions:** Logged in, create a project, add collaborators to the project
  + **Description:** A user will be able to go to the project page and click on the project menu chose the edit option and change the collaborators.
* **As a user, I would like to manage collaborators ranks in my project.**
  + **Preconditions:** Logged in, created projected, collaborators invited, and joined the project.
  + **Description:** A user will be able to go to the project list and press on the dropbox near the collaborator’s name and change his rank.
* **As a user, I would like to limit the access of the collaborators in the project according to there rank.**
  + **Preconditions:** Logged in, create a project.
  + **Description:** A user will be able to go to the project page click on a project that will lead him to the project task management panel there press on the member’s icons and then a window will pop up to edit the member’s ranks, ranks definitions and member notes.
* **As a user, I would like to create teams.**
  + **Preconditions:** Logged in.
  + **Description:** A user will be able to go to the team’s page click on create new team button fill the name and choose which members to invite by email and submit a Team that includes the users that will approve the invitation.
* **As a user, I would like to view a list of my teams.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page and see a list of teams.
* **As a user, I would like to delete my teams.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page, click on a team menu, and chose the delete option.
* **As a user, I would like to manage teams.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page and click on a team to open a team management panel, where he can edit the team name, the members included, the member’s ranks, the team rank definitions.
* **As a user, I would like to add members to my team.**
  + **Preconditions**: Logged in, a team created.
  + **Description**: A user will be able to go to the team’s page and click on a team to open a team management panel, where he can invite team members.
* **As a user, I would like to manage my team member’s team ranks.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page and click on a team to open a team management panel, where he can edit the member’s ranks.
* **As a user, I would like to edit the team ranks definitions.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page and click on a team to open a team management panel, where he can edit the team rank definitions.
* **As a user, I would like to create projects with my team.**
  + **Preconditions:** Logged in, a team created.
  + **Description:** A user will be able to go to the team’s page and click on a team to open a team management panel, where he can edit the team name, the members included, the member’s ranks, the team rank definitions.
* **As a user, I would like to auth via google.**
  + **Preconditions:** None.
  + **Description:** A user will be able to go to the register/login page and click on log in with google button to auth.
* **As a user, I would like to auth via Facebook.**
  + **Preconditions:** None.
  + **Description:** A user will be able to go to the register/login page and click on log in with the Facebook button to auth.
* **As a user, I would like to auth with email and password credentials.**
  + **Preconditions**: None,
  + **Description:** A user will be able to go to the register/login pages and auth by filling their account details in the forms.
* **As a user, I would like to view my project task management panels.**
  + **Preconditions**: Logged in, a project created.
  + **Description**: A user will be able to go to the project page click on the project he wants to manage and be redirect to the task management panel.
* **As a user, I would like to create sections in my projects.**
  + **Preconditions**: Logged in, a project created.
  + **Description**: A user will be able to go to the project page click on the project he wants to manage and be redirect to the task management panel click on the create section button by filling the form with the section name create a new section.
* **As a user, I would like to view the sections in my projects**
  + **Preconditions**: Logged in, a project created, and a section created.
  + **Description**: A user will be able to go to the project page click on the project he wants to manage and be redirect to the task management panel click where he can view the sections represented as a list of columns.
* **As a user, I would like to rename sections in my project.**
  + **Preconditions**: Logged in, a project created, and a section created.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, click on the section’s menu, and choose the edit option.
* **As a user, I would like to change the order of my sections.**
  + **Preconditions**: Logged in, a project created, and a section created.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, click on the section’s menu, and choose the edit option.
* **As a user, I would like to search for sections in my project.**
  + **Preconditions**: Logged in, a project created, and a section created.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, there a search input by filling in the sections will be filtered on changed, and more sections will be loaded if needed.
* **As a user, I would like to create tasks for each section of my project.**
  + **Preconditions**: Logged in, a project created, and a section created.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press create a new task in the section you wanted it to be created in.
* **As a user, I would like to edit tasks for each section in my project.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then edit that task there.
* **As a user, I would like to view lists of tasks in each section in my project.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, and view the tasks list in each section column.
* **As a user, I would like to delete tasks.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, and click on the task menu to chose the delete option.
* **As a user, I would like to archive tasks.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, and click on the task menu to chose the archive option.
* **As a user, I would like to unarchive tasks.**
  + **Preconditions**: Logged in, a project created, a section created, a task created in the section, and a task archived.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, and click on the project menu to choose the option view archived, then instead of seeing the active tasks in the section he will see the archived ones and click on the menu of the archived task and choose the unarchive option.
* **As a user, I would like to view a list of archived tasks.**
  + **Preconditions**: Logged in, a project created, a section created, a task created in the section, and a task archived.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, and click on the project menu to choose the option view archived, then instead of seeing the active tasks in the section he will see the archived ones.
* **As a user, I would like to view task recent activity.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then on the right side you can see the task history.
* **As a user, I would like to view task properties.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then view the task properties.
* **As a user, I would like to create task properties.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then create task properties.
* **As a user, I would like to edit task properties.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then edit the task properties.
* **As a user, I would like to remove task properties.**
  + **Preconditions**: Logged in, a project created, a section created, and a task created in the section.
  + **Description**: A user will be able to go to the project page click on a project to enter the task management panel, press the task to open the task panel, and then remove the task properties.
* **As a user, I would like to change my name on the platform.**
  + **Preconditions**: Logged in.
  + **Description**: A user will be able to go to the edit profile page and change his name there.
* **As a user, I would like to add and edit additional profile information.**
  + **Preconditions**: Logged in.
  + **Description**: A user will be able to go to the Edit Profile page and fill his Company, Website, Location, skills, Github Username, and a social link that will be presented on his profile to others when he sends them a message or an invitation.
* **As a user, I would like to get notifications according to the task and projects I participate in.**
  + **Preconditions**: Logged in, create a project, create a section in a project, create a task, invite a member to the project, member joined the project, the member assigned to a task.
  + **Description**: A user will be able to go to the notification and see a notification from the tasks that he assigned.
* **As a user, I would like to message other users.**
  + **Preconditions**: Logged in, another user registered
  + **Description**: A user will be able to go to the messages page and select a user by filling his email address and send him a message via the platform.
* **As a user, I would like to be able to mute notifications from projects and tasks.**
  + **Preconditions**: Logged in, create a project, create a section in a project, create a task, invite a member to the project, member joined the project, the member assigned to a task.
  + **Description:** A user will be able to go to the project page click on the menu of the project he wishes to mute and select the mute option or if he wants to mute a particular task or section he can go to the specific section or task click on the menu and select the mute option.