

Initial project backlog

Dimitar Prisadnikov

S3-CB05

Contents

Manage households.....	3
As an admin, I want to CREATE household, so I add new houses to the system	3
As an admin, I want to READ all households, so I add see all houses added to the system	3
As an admin, I want to UPDATE household, so I can manage the houses in the system	3
As an admin, I want to DELETE household, so I add remove houses from the system	3
As an admin, I want to search for specific household, so I can easily find the household I am looking for	3
Joining households.....	3
As an admin, I want to get a unique household join code, so tenants can join easily	3
As a tenant, I want to use my unique code, so that I can easily join my housemates	4
Manage users.....	4
As a tenant, I want to sign in, so that I can access the platform	4
As a tenant, I want to sing up, so that I can access the platform	4
As an admin, I want to READ all users, so I can see who is using the platform.....	4
As an admin, I want to UPDATE selected user, so I can change their details.....	4
As an admin, I want to DELETE selected user, so I can remove people from the platform	4
As an admin, I want to search for specific users, so I can find the one I am looking for easily.....	5
Calendar	5
As an admin, I want to CREATE tasks in the chores calendar, so I can add new tasks	5
As an admin, I want to READ the chores calendar, so I can see the generated schedule.....	5
As an admin, I want to UPDATE the chores calendar, so I can make changes when needed	5
As an admin, I want to DELETE the chores calendar, so I can REMOVE events from the calendar....	5
As an admin, I want the schedule to be generated for me, so there is no need for doing repetitive work	5
As a tenant, I want to VIEW the chores calendar, so I know when are different tasks scheduled for	6
As a tenant, I want to UPDATE the status of the chores assigned to me as completed, so that my housemates are aware the task has been completed	6

Manage households

As an admin, I want to CREATE household, so I add new houses to the system

- Postcode and house number are required
- House name and description are required
- RegEx check for the required fields
- Once submitted, the admin is redirected to the household settings page
- The new household is not created if the household settings is not completed

As an admin, I want to READ all households, so I add see all houses added to the system

- All households are displayed in a vertical list
- Postcode and house number are displayed on the left side of the row
- Tenants joined/maximum tenants, edit button, and delete button are displayed on the right side of the row
- Expand details button is available for houses with a name or/and a description
- Clicking on each row will redirect the user to the page where they can interact with the selected household

As an admin, I want to UPDATE household, so I can manage the houses in the system

- All fields are editable
- Postcode and house number cannot be left empty
- A household name and description can be left empty
- Save and cancel buttons

As an admin, I want to DELETE household, so I add remove houses from the system

- The delete button is in bright red color
- Confirmation pop-up window with Delete/Cancel buttons and text saying this action cannot be undone
- Once confirmed, the household is instantly deleted from the database as well as its calendar and announcements
- All assigned users to the deleted household are now not assigned to a household

As an admin, I want to search for specific household, so I can easily find the household I am looking for

- Dynamic search
- Searches for postcode OR house number OR household name OR household description OR tenant email OR tenant first name OR/AND tenant last name
- Search field is located above the vertical list of all households

Joining households

As an admin, I want to get a unique household join code, so tenants can join easily

- Generated once a new household has been created
- Each join code can be used only once
- The number of generated join codes is equal to the maximum number of tenants

As a tenant, I want to use my unique code, so that I can easily join my housemates

- Each code can be used only once
- The user sees only a code input field if they have not joined a household
- RegEx is applied to check whether the provided code matched the expected format
- If the RegEx does not match, the user is informed
- If a valid code is submitted, the user joins the household and is redirected to the household homepage
- The schedule might be regenerated upon a new member joining

Manage users

As a tenant, I want to sign in, so that I can access the platform

- If the user is not signed in/up, they only see the a landing page with a sign in/up button
- Users are redirected to Auth0 sing up/in page
- Can log in with email/username and password
- After successful login, the user is redirected to the homepage
- There is a reset password button
- There is no option to use social login

As a tenant, I want to sing up, so that I can access the platform

- If the user is not signed in/up, they only see the a landing page with a sign in/up button
- Email is required
- Username is required (5-30 characters)
- Password is required (special characters, a-z, A-Z, 0-9, 8+ characters)
- Password history prevents using previously used passwords (last 5)
- Using personal data (email, first name, last name, etc..) is not allowed in the password
- Users get feedback if their input does not meet the requirements
- In case of a successful sing up, the user is redirected to the home page

As an admin, I want to READ all users, so I can see who is using the platform

- All users are displayed in a vertical list
- First and last name and email are displayed
- Edit button and delete button are available
- Clicking on each row will redirect the admin to a the page where they can manage the user

As an admin, I want to UPDATE selected user, so I can change their details

- All user details are displayed
- Email, first and last name can be changed
- RegEx check for the provided email
- Save button

As an admin, I want to DELETE selected user, so I can remove people from the platform

- Confirmation windows before deletion
- Deletion from the database happens instantly
- Cannot be undone
- All related data to the user but the tasks are deleted
- Tasks became unassigned

- Might trigger schedule regeneration

As an admin, I want to search for specific users, so I can find the one I am looking for easily

- Dynamic search
- Searches for tenant first name OR/AND tenant last name OR email
- The search field is located above the vertical list of all users

Calendar

As an admin, I want to CREATE tasks in the chores calendar, so I can add new tasks

- Assignee, date and time and task type are required
- A date and time picker is available and opens in a pop-up window
- The details field is optional
- The assignee field is a dynamic search for all tenants of the selected household
- Save/Cancel buttons

As an admin, I want to READ the chores calendar, so I can see the generated schedule

- All calendar entries for -7 and +30 days are loaded by default
- More entries can be loaded by clicking on certain buttons
- Calendar entries are shown in a vertical list
- Each row is a task
- Edit and delete buttons on each row
- Assignee's first and last name, as well as task type and status, are displayed on the row

As an admin, I want to UPDATE the chores calendar, so I can make changes when needed

- Cannot edit tasks that have been marked as completed more than a week ago
- Assignee, date and time and task type are required
- A date and time picker is available and opens in a pop-up window
- The details field is optional
- The assignee field is a dynamic search for all tenants of the selected household
- Save/Cancel/Delete buttons

As an admin, I want to DELETE the chores calendar, so I can REMOVE events from the calendar

- Confirmation pop-up windows with delete/cancel buttons
- The deletion from the database happens instantly
- The deleted task is no longer part of the calendar of the person it was assigned to
- If it was marked as completed and ratings were given to the assignee, those are removed and the average rating adjusted accordingly

As an admin, I want the schedule to be generated for me, so there is no need for doing repetitive work

- Generated based on the household settings
- The generation happens once a household has been created
- Assignees are not added

As a tenant, I want to VIEW the chores calendar, so I know when are different tasks scheduled for

- All calendar entries for -7 and +30 days are loaded by default
- More entries can be loaded by clicking on certain buttons
- Calendar entries are shown in a vertical list
- Each row is a task
- Mark as completed button is available for all tasks assigned to the currently logged-in user
- Assignee's first and last name, as well as task type and status, are displayed on the row

As a tenant, I want to UPDATE the status of the chores assigned to me as completed, so that my housemates are aware the task has been completed

- A confirmation button is present for tasks assigned to the currently logged-in user
- Confirming a task is not possible earlier than 24 hours before the scheduled date and time
- Confirmation windows pop-up
- Once confirmed, the task's status is changed to completed
- Once completed, everyone but the task assigned can rate it