

الجمهورية الجزائرية الديمقراطية الشعبية

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D'INFORMATIQUE

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1. Introduction

- **Overview**

Welcome to **Synaps**, an innovative platform dedicated to nurturing creativity and idea development. Synaps enables users to collaborate in real-time, form teams, and seamlessly exchange ideas. The platform is designed to offer insights, feedback, and support through an integrated chat bot, ensuring a smooth and efficient workflow. Leveraging modern technologies, Synaps provides a streamlined interface and cutting-edge tools to enhance creativity and productivity.

The term “**Synaps**” refers to a small gap at the end of a neuron where nerve impulses pass from one neuron to another. In the context of our platform, Synaps, which assists users in collecting ideas through brainstorming and writing essays, this concept is metaphorically significant. Just as neurons connect and transmit signals, our platform aims to connect users’ thoughts and facilitate the exchange of ideas. Through Synaps, users can bridge their creative gaps, much like how synapses facilitate communication between neurons

- **Purpose**

The purpose of this document is to guide users through the various features and functionalities of **Synaps**. It aims to provide a comprehensive understanding of the platform, from logging in to managing projects and utilising the help centre.

- **Target Audience**

This document is specifically designed for the students of ESI Algiers. It aims to help them maximise the use of **Synaps** in their academic and collaborative projects, enhancing their learning experience and project outcomes.

- **Structure of the Document**

This document is structured to cover the key aspects of Synaps, including:

1. The login process.
2. The inbox page.
3. Project resources.
4. Starting and managing projects.
5. Navigating and using the help centre.
6. Customising and managing user profiles.

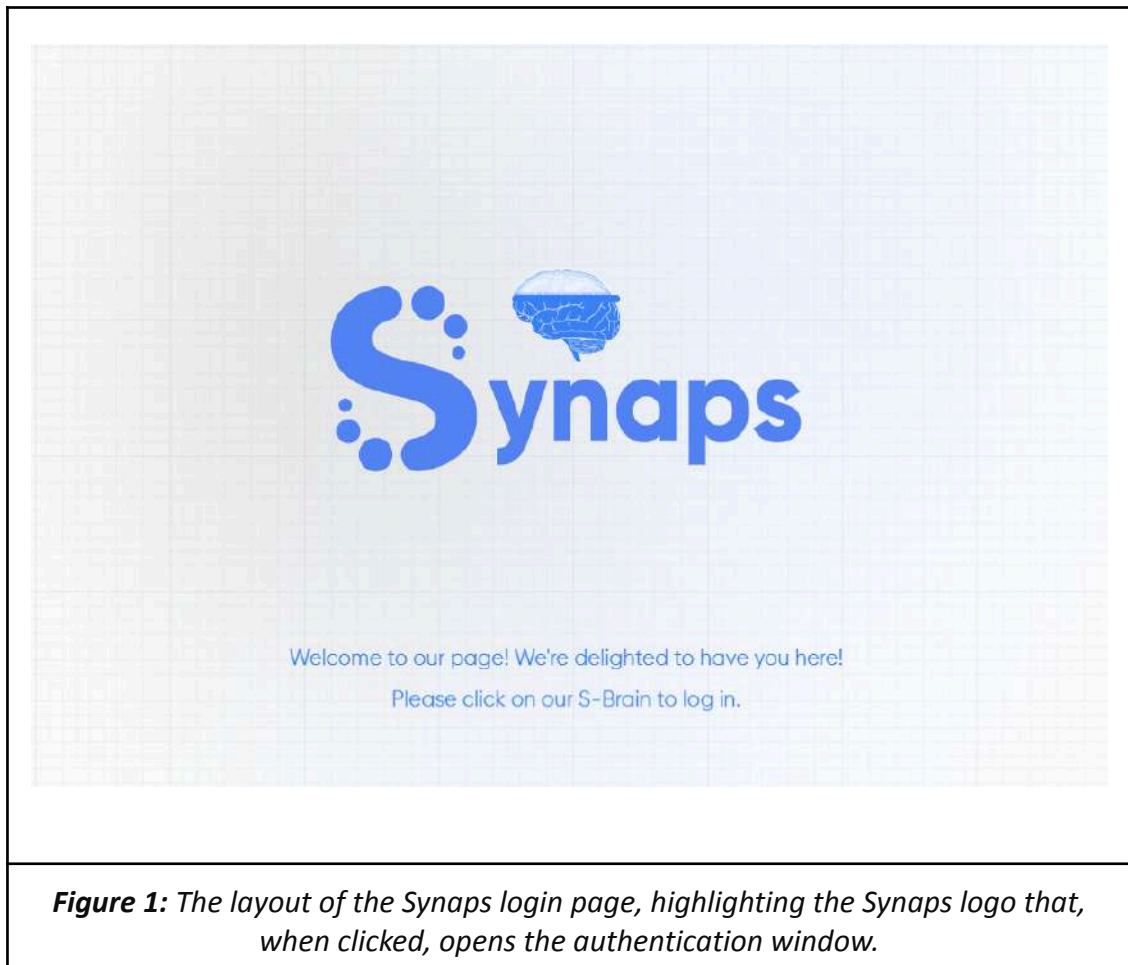
Each section provides detailed information to help users navigate and make the most out of the Synaps platform.

2. Login Page

- **User Interface**

The login page of Synaps is designed to be user-friendly and intuitive, ensuring a seamless entry point for all users. Our Login page:

clicking on the Synaps logo will open the authentication window.



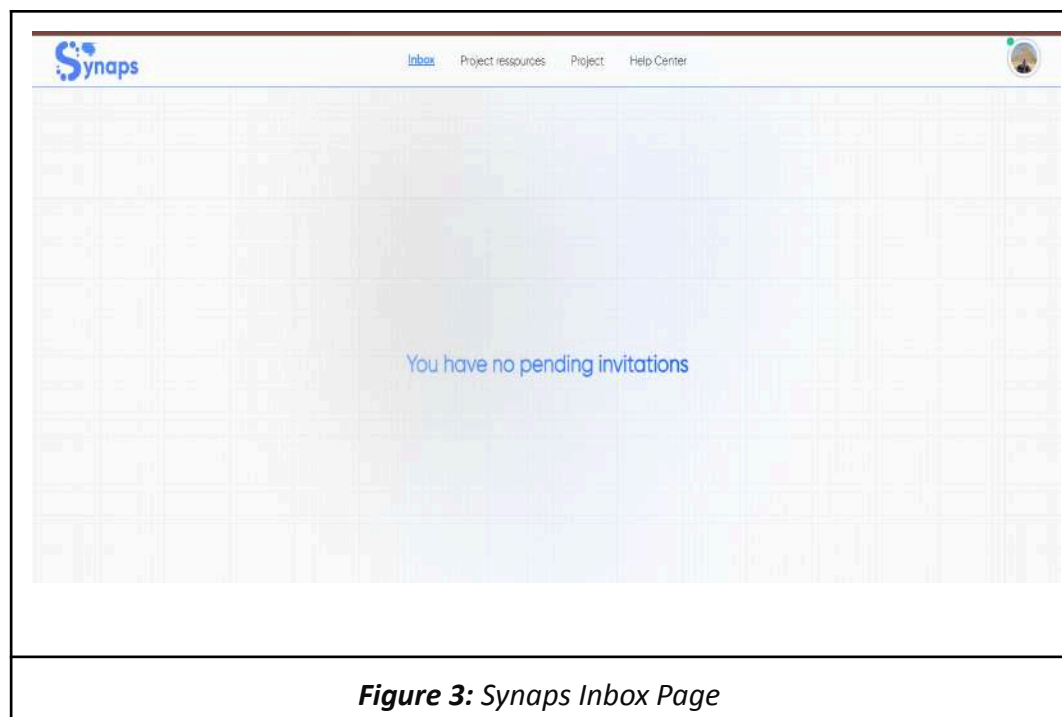
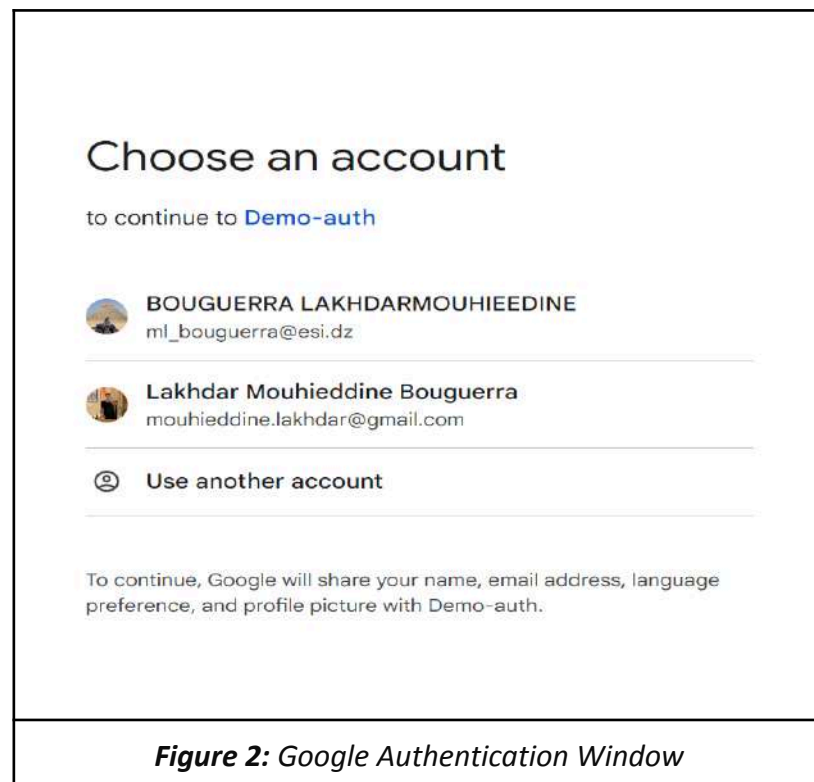
- **Authentication Process**

Clicking the Logo: Users click on the Synaps logo, which opens a Google authentication window.

Google Authentication: In the Google authentication window, users are prompted to choose their Google account.

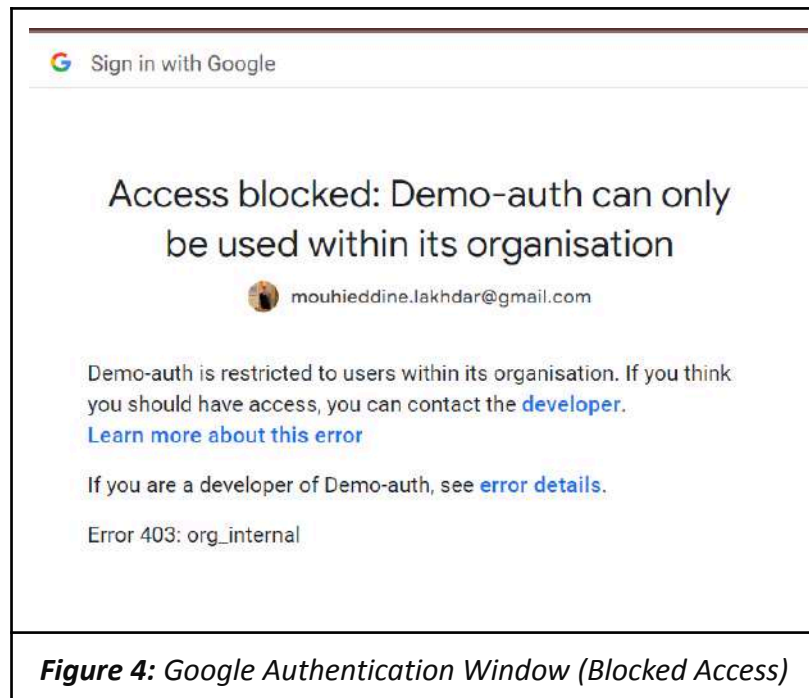
Verification: Google verifies the selected account's credentials. If the credentials are correct, the user is authenticated.

Redirection: Once authenticated, users are redirected to the Synaps inbox page, where they can begin using the platform.



- **Error Handling**

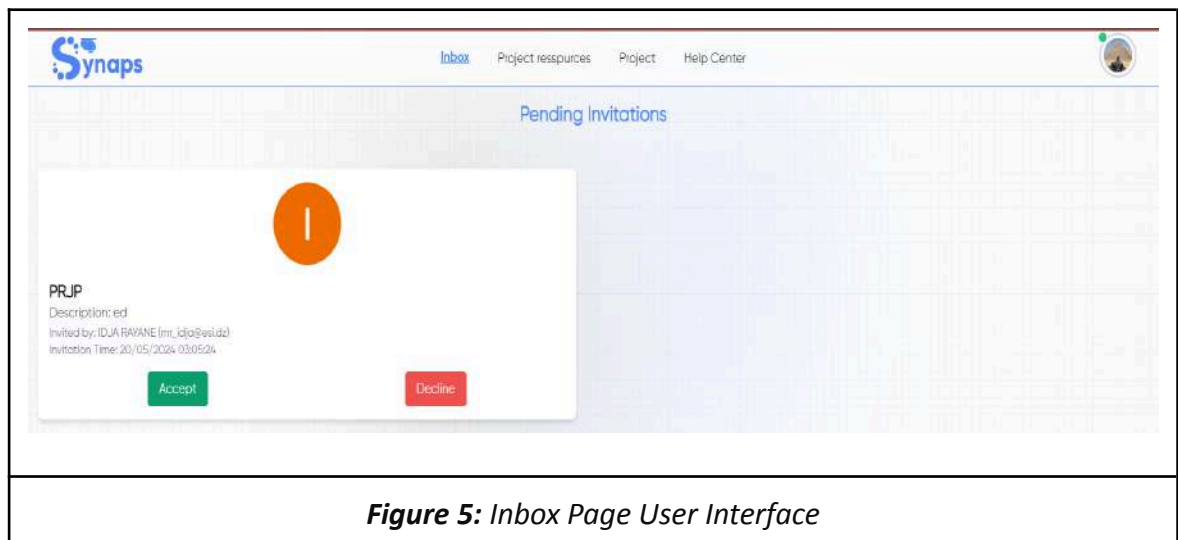
Incorrect Credentials: If the Google account credentials are incorrect, an error message is displayed by Google, prompting the user to try again



3. Inbox Page

- **User Interface:**

The inbox page of Synaps is designed to facilitate project invitations for users. The inbox page:

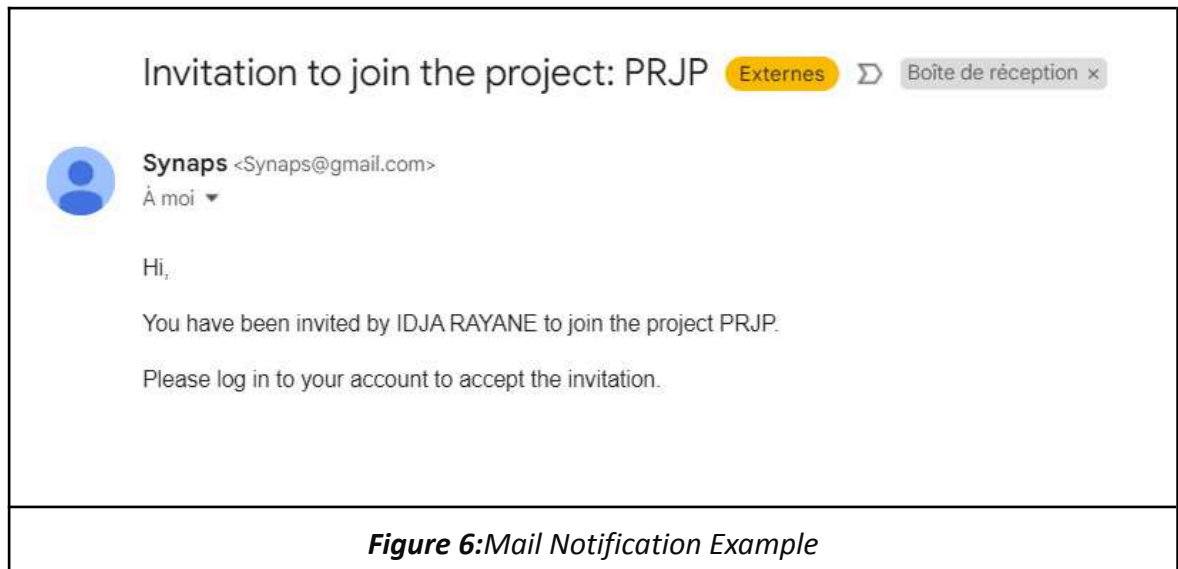


- **Message Organisation:**

- . Project Invitations: Users receive project invitations from other users.
- . Each invitation is displayed as a separate message in the inbox.

- **Features and Functionalities:**

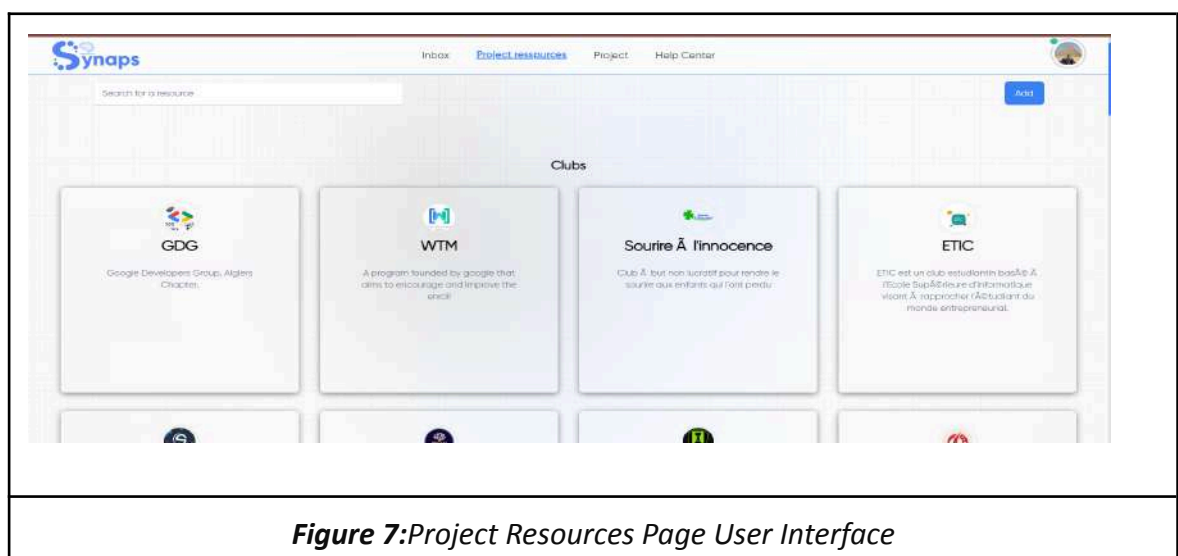
- . Accept Invitation: Users can accept project invitations by clicking the "Accept" button.
- . Refuse Invitation: Users can refuse project invitations by clicking the "Decline" button.
- . Email Notifications: Users receive email notifications for new project invitations.



4. Project Resources Page

- **User Interface**

The project resources page of Synaps is designed to provide users with easy access to club and module resources, as well as the ability to add new resources. The Project resources page:



- **Provided Resources:**

Clubs: Resources provided by Synaps for various clubs, such as GDG club, SOAI club, etc.

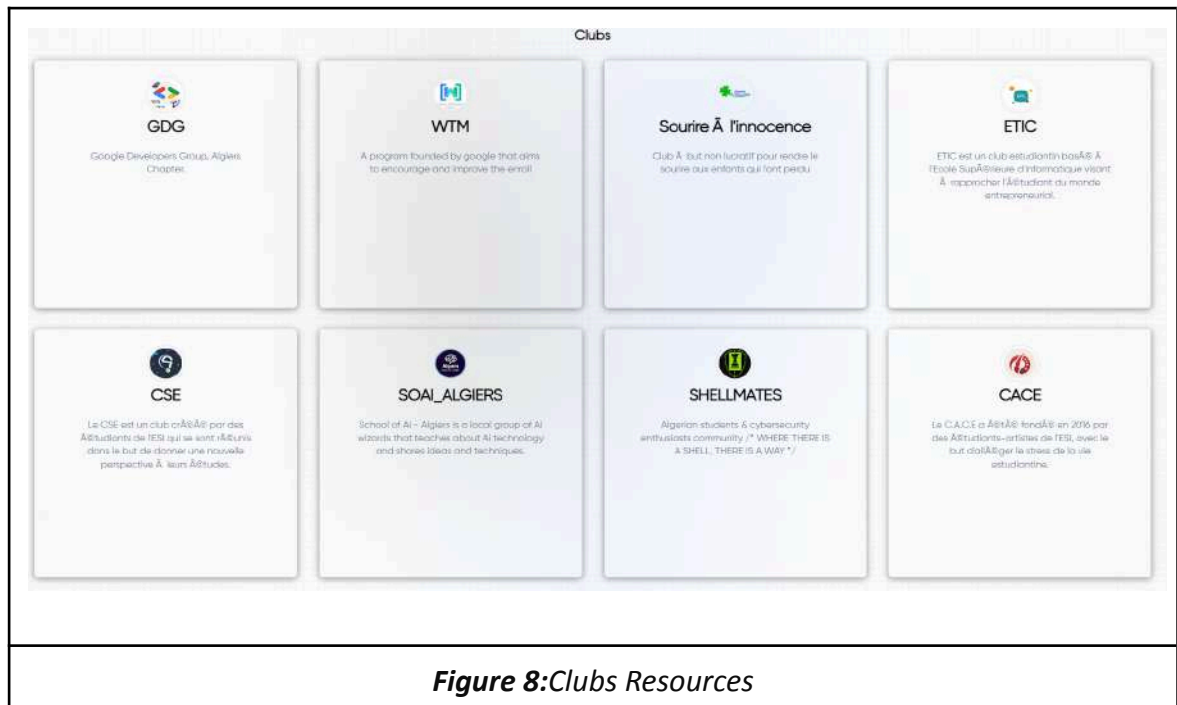


Figure 8: Clubs Resources

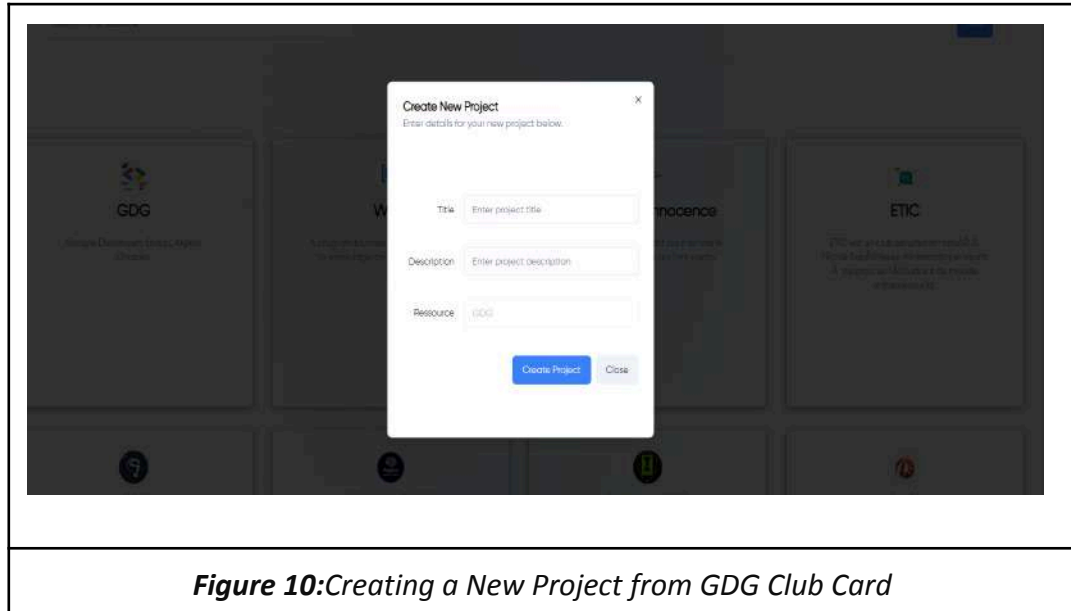
Modules: Resources offered by Synaps for different modules, including PFE, Analyse, BDD, etc.



Figure 9: Modules Resources

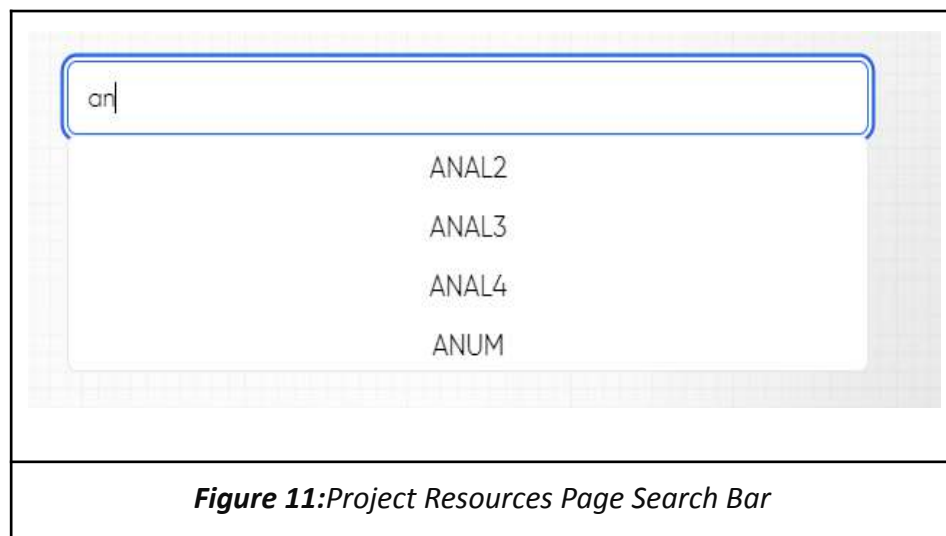
Note:

When clicking on a card representing a club or one of the modules, a window will appear, allowing users to create a new project associated with that club or module. This feature enables users to seamlessly initiate new projects aligned with their interests or coursework.



- **Features and Functionalities**

Search Bar: Users can enter keywords in the search bar to find specific resources quickly.



Add New Resource: Clicking the "Add" button allows users to upload files or create new resources.

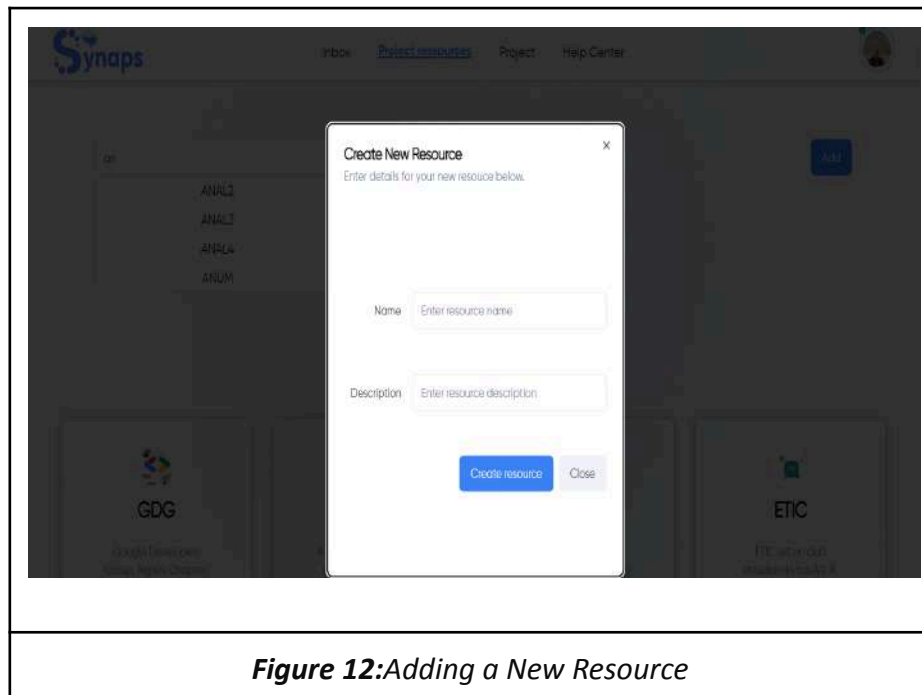


Figure 12:Adding a New Resource

After adding a new resource: you will find it listed below, along with other existing resources, specifically those that were created by you.

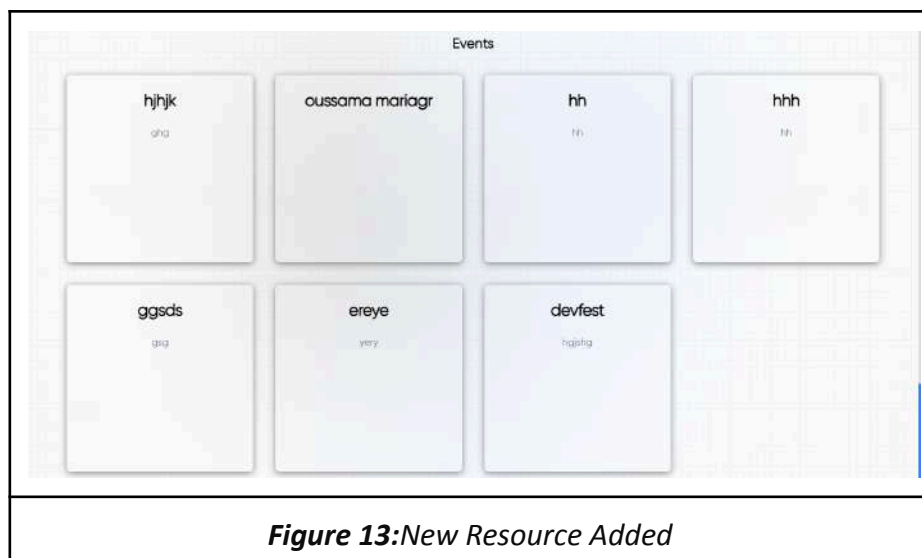
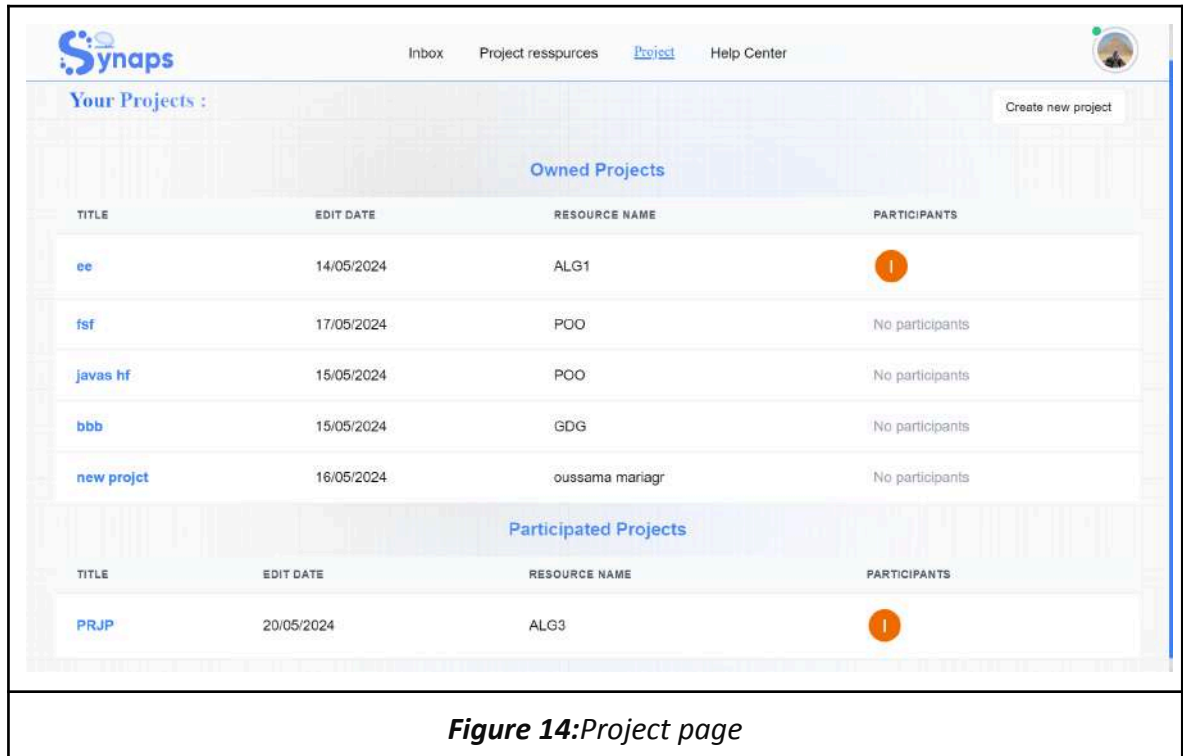


Figure 13:New Resource Added

5. Project Page

- **User Interface**

The project page in Synaps is a central hub for managing and collaborating on projects.



- **Project Details**

Displays project title, creation date , resource name, and team members.

Indicates if the project is your own project or one you participated in.

- **Features and Functionalities**

Create New Project: Users can initiate a new project by clicking the "Create New Project" button. This opens a form to enter project details .

Synaps | Inbox | Project resources | **Project** | Help Center

Your Projects

TITLE	EDIT DATE	PARTICIPANTS
ee	14/05/2024	No participants
fdf	17/05/2024	No participants
javas hf	15/05/2024	No participants
bbb	15/05/2024	No participants
new project	16/05/2024	No participants
TITLE	EDIT DATE	PARTICIPANTS
PRJP	20/05/2024	ALGS

Create New Project

Enter details for your new project below.

Title:

Description:

Resource type:

Resource:

Create Project **Close**

Figure 15: Create New Project Interface

Sessions Management: After creating a new project, users are directed to their project page where they can find open sessions, closed sessions, visualise the project, and create new sessions if they are the project owner.

Synaps | Inbox | Project resources | **Project** | Help Center

Your Project: **Edit project** **Visualize project** **New ideation session**

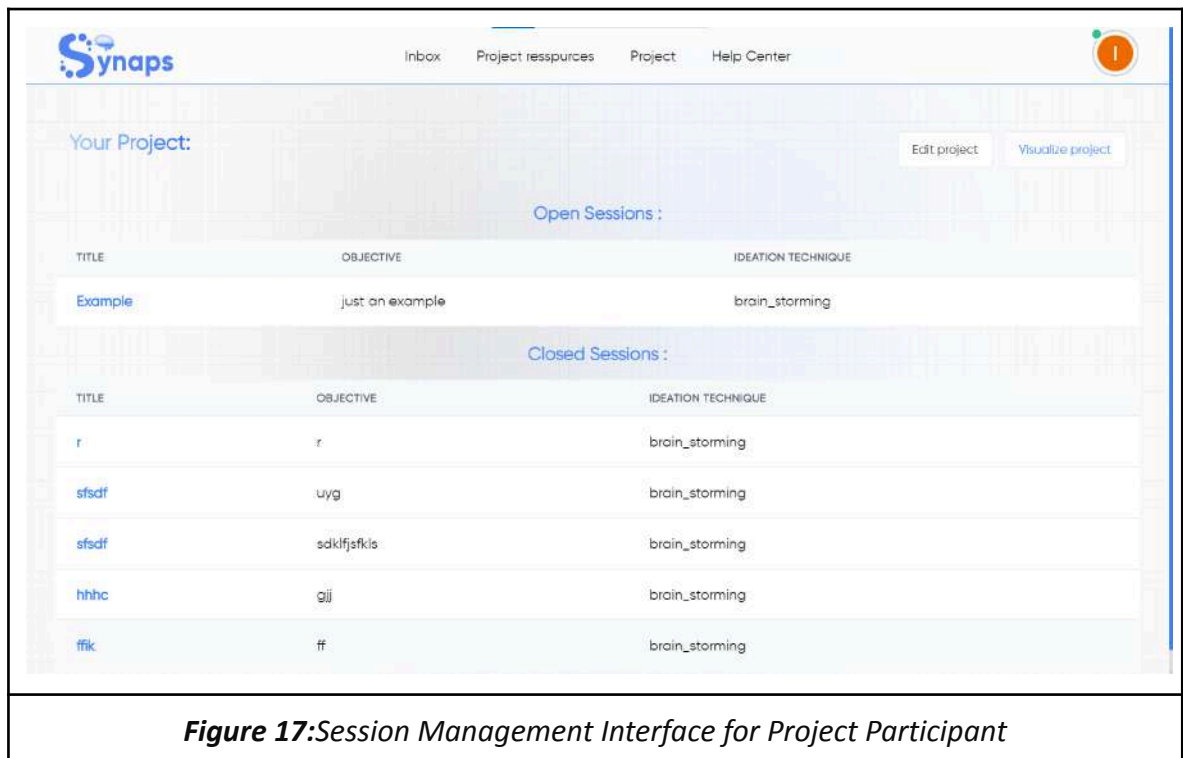
Open Sessions :

TITLE	OBJECTIVE	IDEATION TECHNIQUE
Example	just an example.	brain_storming

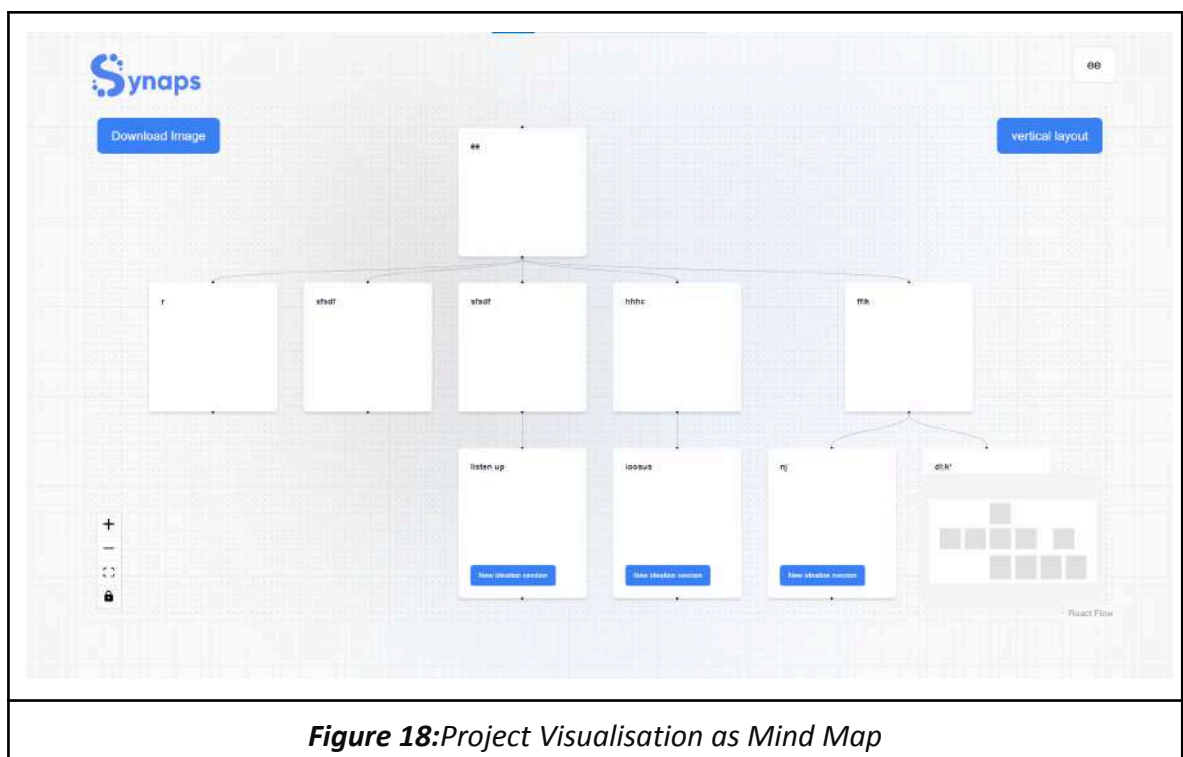
Closed Sessions :

TITLE	OBJECTIVE	IDEATION TECHNIQUE
r	r	brain_storming
sfsdf	uyg	brain_storming
sfsdf	sdklfsfkl	brain_storming
hhhc	gij	brain_storming
ffik	ff	brain_storming

Figure 16: Session Management Interface for Project Owner

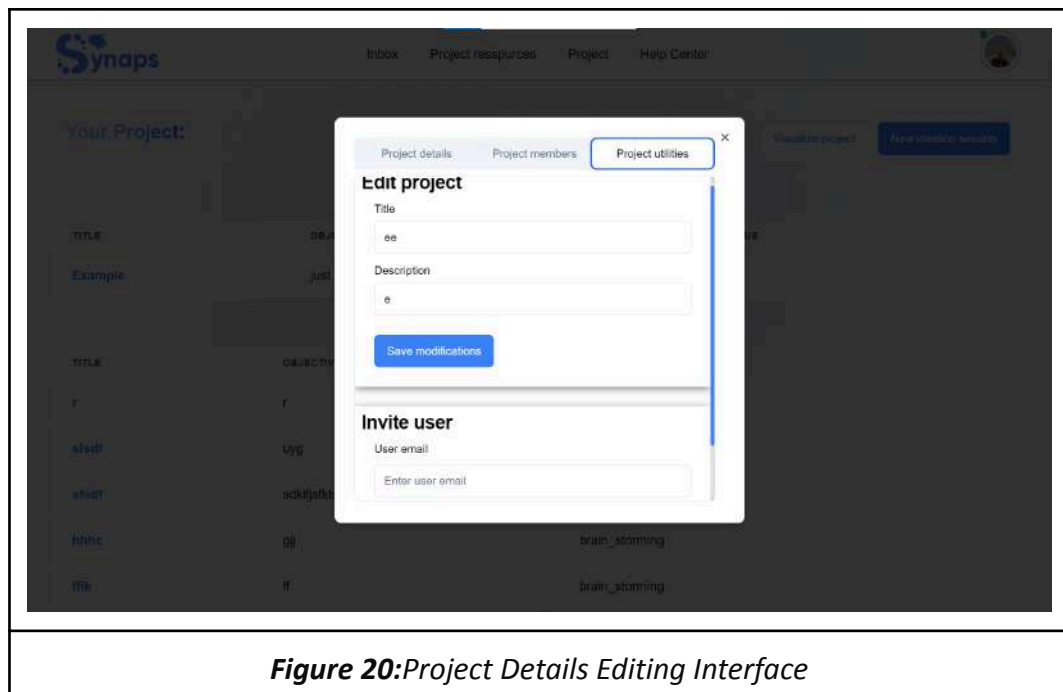


Project Visualisation: Users have the option to visualise their project as a mind map, providing an interactive and visual representation of the project's structure. Additionally, users can download the mind map as an image for further reference or sharing purposes.





Edit Project Details: Users can access and modify their project details, including the title, description, and participant users, from the "Edit Project" button.



New Ideation Session: As the project owner, you have the option to initiate a new ideation session by clicking the "New Ideation Session" button. This feature enables you to start a new brainstorming or writing session within your project.

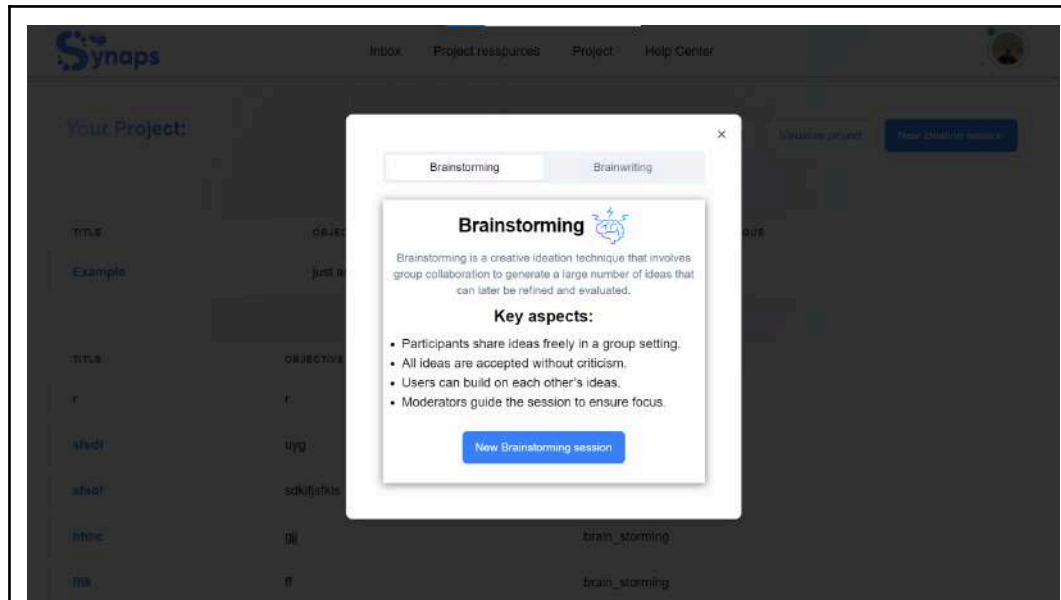


Figure 21: New Ideation Session Popup Window

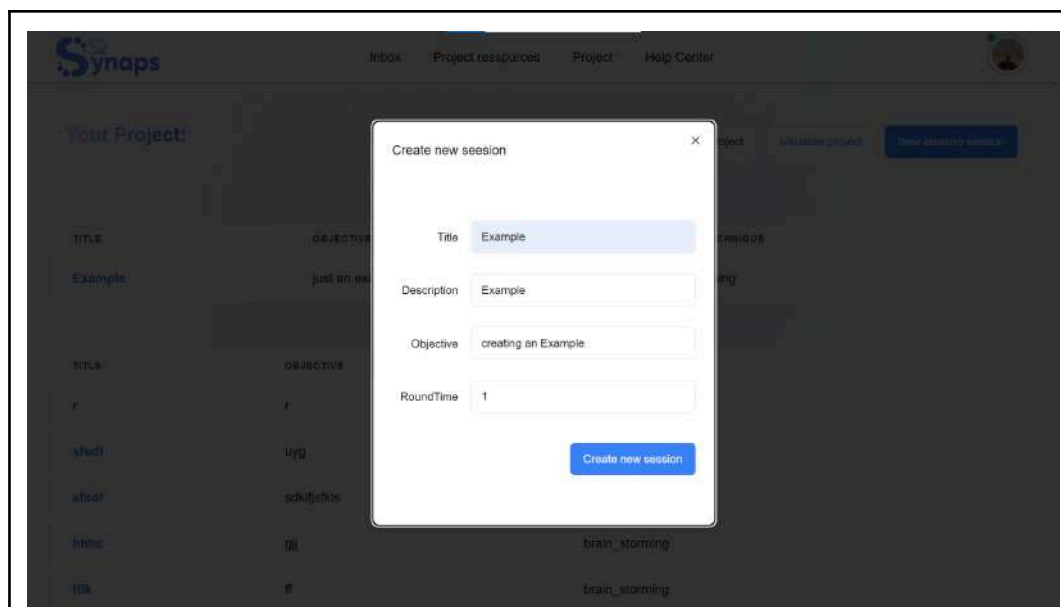


Figure 22: Entering Session Details

After creating a new session: it will be listed under the "Open Sessions" section. Clicking on its title will lead you to the session interface, where you can start the session with your team members.



1. **Session Title:** Displays the title of the current session.
2. **Start the Session Button:** Allows the session to commence when clicked.
3. **Help Button:** Provides information about each step of the session.
4. **Chat Bot:** Integration with a chat bot for assistance and guidance.
5. **Users Chat:** Chat interface where team members can communicate during the session

Matrix of Ideas: Admin vs. Participant Rights :

Clicking on the avatar reveals available actions for both admins and participants.

Admin's Rights:

1. **Delete Idea:** Admins can remove ideas from the matrix.
2. **Expand Idea:** Admins can provide additional details or context to ideas.
3. **Refine Idea:** Admins have the authority to improve or adjust ideas.
4. **Final Decision(FD):** Admins make the final decision by selecting the chosen idea.

Participant's Actions:

1. **Comment:** Participants can provide feedback or commentary on ideas.
2. **Vote:** Participants have the ability to vote on ideas to indicate preference or support.

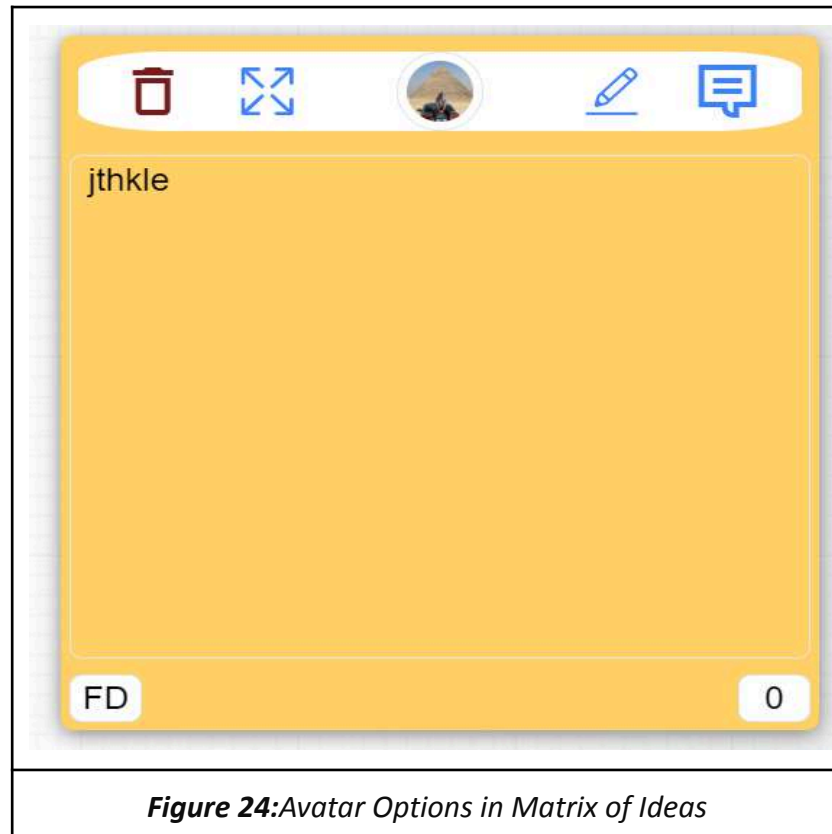


Figure 24:Avatar Options in Matrix of Ideas

After the end of the session: users will see the idea matrix, and the final decision will be displayed as a mind map. Users will have various options available to them:

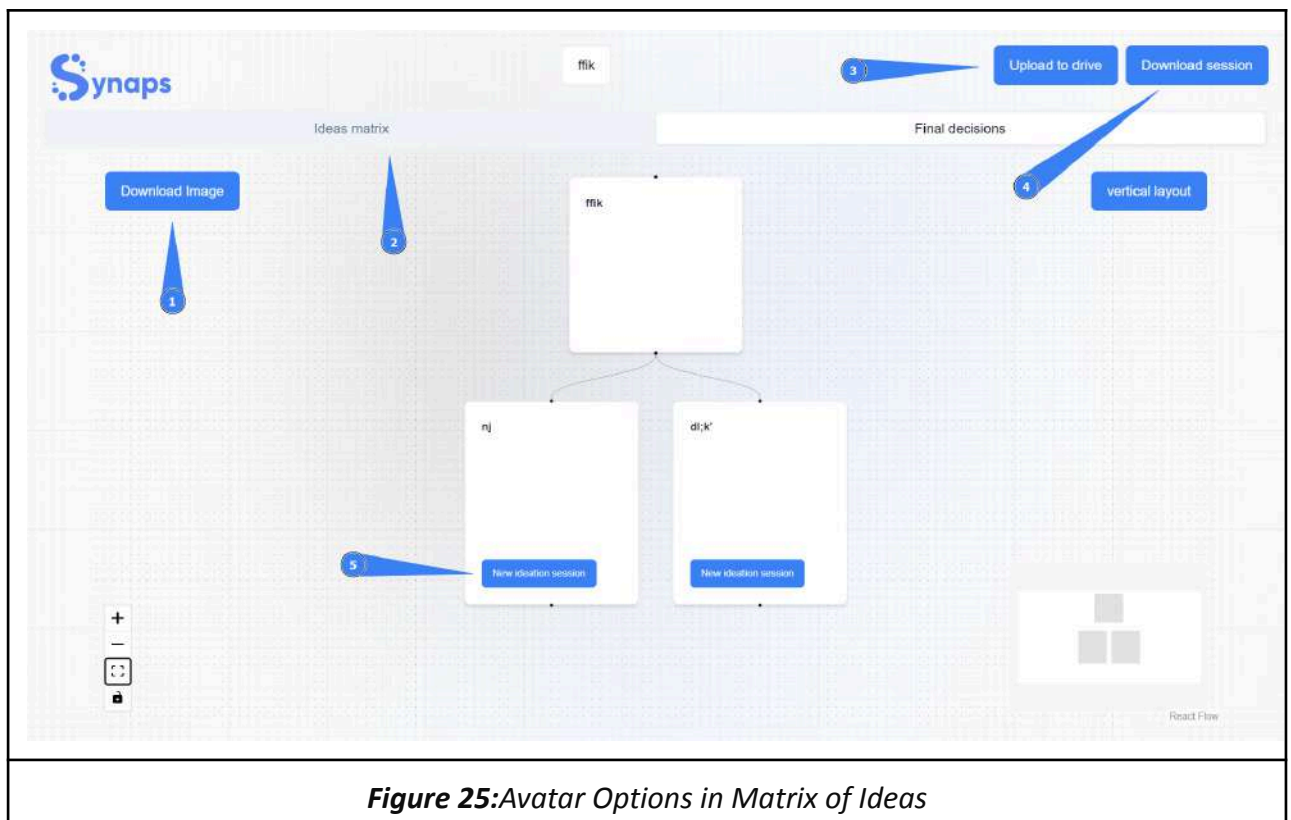


Figure 25:Avatar Options in Matrix of Ideas

1. **Download as Image:** Users can download the mind map as an image for further reference or sharing purposes.
2. **View Idea Matrix:** Users can review the idea matrix to explore all ideas generated during the session.
3. **Upload to Drive:** Users can upload the mind map directly to their Google Drive for easy access and sharing.
4. **Download Session as JSON File:** Users can download the entire session data as a JSON file for archival or analysis purposes.
5. **Start New Session from Idea:** Users can initiate a new session directly from an idea, facilitating further brainstorming and development based on previous insights.

Note: Users can always access closed sessions for reference or additional analysis. Closed sessions can be found in the "Closed Sessions" section.

6. Help Center

- **Frequently Asked Questions (FAQs)**

The Help Center's FAQ section provides answers to commonly asked questions, helping users find solutions to their queries quickly.

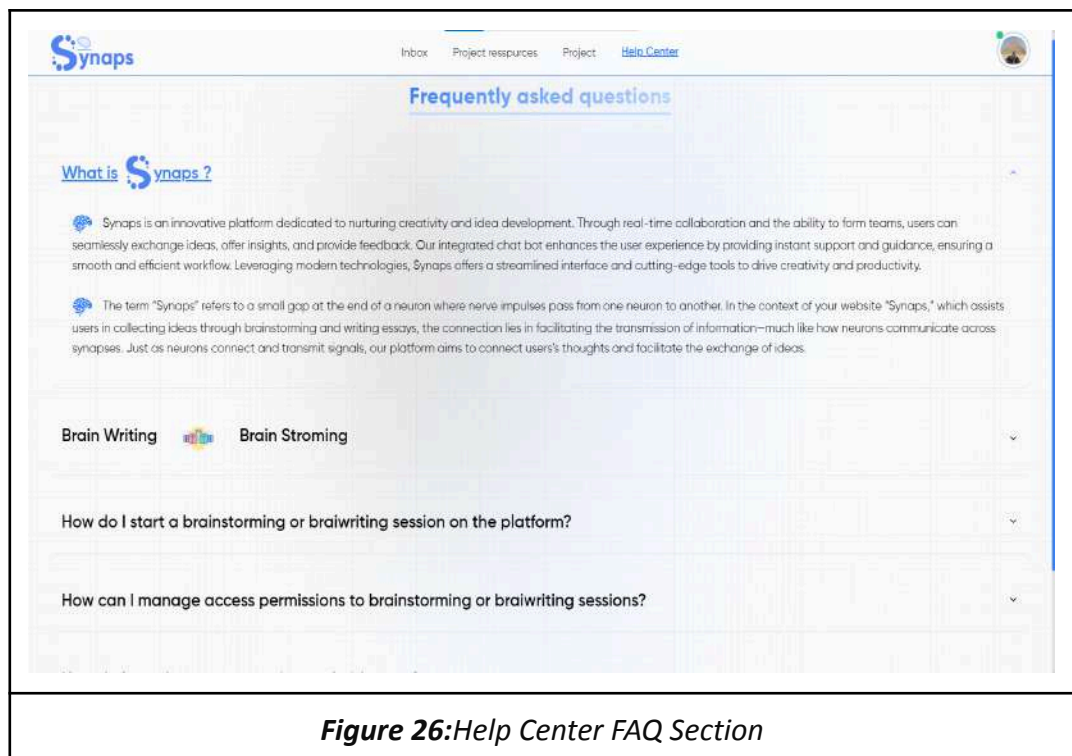


Figure 26: Help Center FAQ Section

7. Profile Page

- **User Interface**

The profile page of Synaps is accessed through a right drop-down menu that appear after clicking on your avatar, displaying the user's email, avatar, and username.

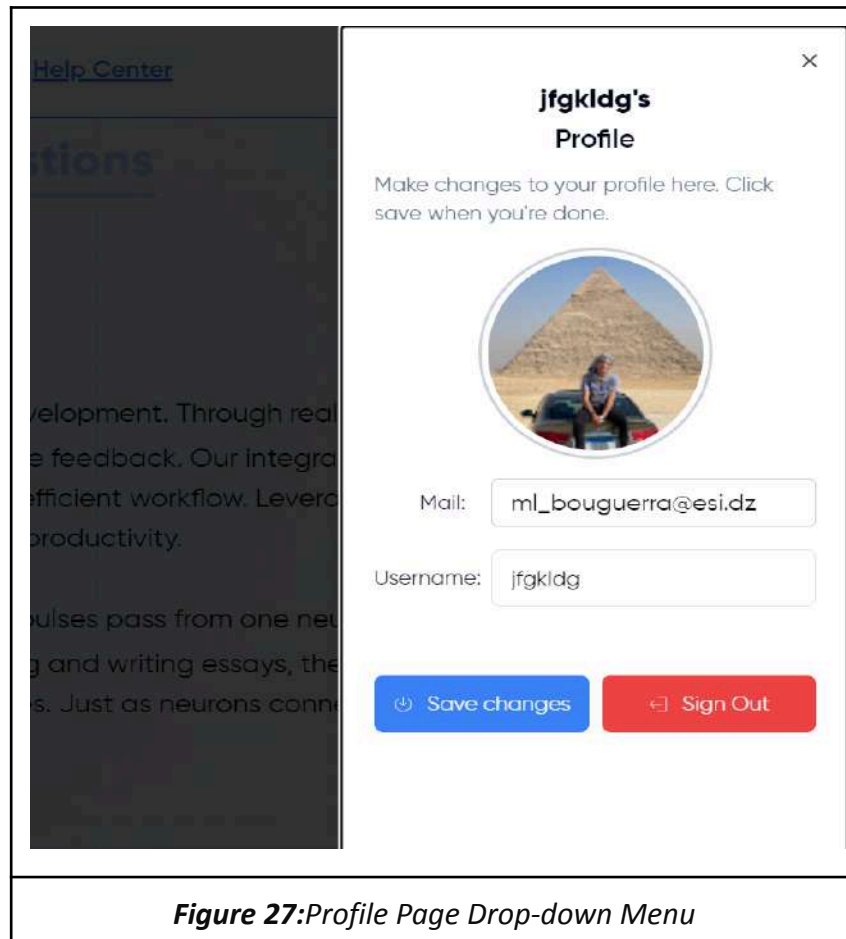


Figure 27:Profile Page Drop-down Menu

- **Account Management**

Sign out option allows users to securely log out of their accounts.

Edit username functionality enables users to customise their display name.