# Cloud Computing Workshop with AWS

## Detailed Project / Product Document

### Project Information

Project Name:  
[Enter Project Name]  
  
Student Names:  
[List all student names participating in the project]

This document will fully describe the project content (10-30 pages).

The document should be submitted with a presentation (English & Hebrew) alongside with a prototype of the project, working on AWS Account.

Submission date: June 9, 2024.

The below are mandatory details to the document. Feel free to add any additional information as you like.

### 1. Introduction

Provide an up-to-date summary and fine-tuning of the content outlined in the proposal document. This includes discussing the project's Motivation, Context, Objectives, and how it stands in terms of Innovation compared to existing market products.

### 2. System Main components

Describe the system’s main components comprehensively. This section should offer a detailed overview of the primary components constituting your system. Utilize diagrams such as squares and arrows to depict their relationships. Various tools like Lucidchart or Draw.io can aid in creating these diagrams.

### מיותר

### 3. System Architecture including AWS modules used per module

Illustrate the system architecture encompassing servers, databases, storage, network, etc. Focus on each component's AWS module utilized in the project, elucidating the rationale behind the chosen modules. Additionally, discuss any third-party tools besides AWS and justify their selection. A diagram summarizing this architecture should be included.

### 4. Data Base

Explain the chosen database, rationale behind its selection, and provide a diagram showcasing tables, columns, and their relationships.

The data we intend to store:

-users - basic profile data: fname, lname, email, phone number, user\_id(generated by us)

-users-profile – inside app relation data: preferences, prioritize, interest fields, calendars, events

-app-init-data – prioritize scale, interest fields,

### 5. Flow charts

Present flow charts depicting the main operational flows of the system. Utilize diagrams for clarity and understanding.

### 6. Screen mockups

Create screen mockups for all primary screens of the system. Tools like PowerPoint, Canva, Photoshop, or **Figma** are suitable for this task.

### 7. Development tools

ANGULAR

TypeScript/ javaScript

Visual studio code/ webstorm (currently fav)

Java (?)

AWS

Chat gpt copilot/ chat gpt 3.5/ gemini

Bootstrap

### 8. Submission Details

Include the GitHub link for the project repository.

### 9. Additional Notes

Feel free to add any supplementary information deemed relevant to the project.