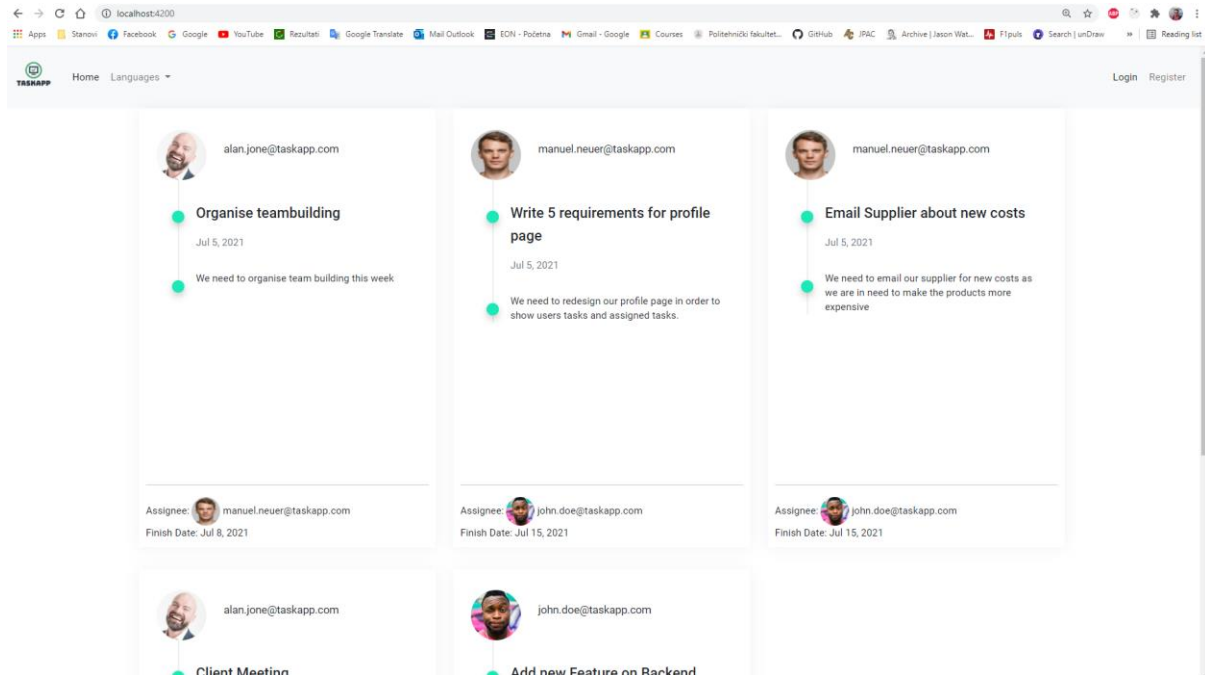


# TaskApp

## About

TaskApp is an application for creating tasks and assigning them to one of the registered users. When the user first arrives on the homepage of the application, he can see the following:



1. Navbar with Language change option (Only english and bosnian are available at this moment)
2. Login or register buttons
3. Task list

If the user does not have the account, he can create one by clicking on Register page.

localhost:4200/register

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TASHAPP Home Languages Login Register

Email address

We'll never share your email with anyone else.

Password

First Name

Last Name

Profile Picture: Choose File No file chosen

Register

On the register page, user can fill his details and attach a picture. After a successful registration, user is prompted to login page.

localhost:4200/login

TASHAPP Home Languages Login Register

Email address

Password

Login

After login, user will be redirected to the home page again, where he now has two additional options:

1. Create a new Task
2. Download tasks

When the user clicks on a button to create a new task, a new modal appears.

The screenshot shows a web browser window with the TaskApp interface. A modal form for creating a new task is centered on the screen. The form contains the following fields and controls:

- Title:** A text input field containing "Some new Task".
- Description:** A text area containing "Some description for a new task".
- Choose an assignee:** A dropdown menu showing "manuel.neuer@taskapp.com".
- Choose a start date:** A date input field showing "7/7/2021" with a calendar icon.
- Choose a finish date:** A date input field showing "7/30/2021" with a calendar icon.
- Create Task:** A blue button at the bottom of the form.

The background shows the TaskApp header with the logo, "Home", and "Languages" menu. A "Profile" link with a user avatar is in the top right corner. At the bottom, two user avatars are visible: "alan.ione@taskapp.com" and "john.doe@taskapp.com".

User can create a new task by filling in the form. After a successful registration, an email will be sent to the assignee. If the user decides to download a JSON file of the tasks, he can click on the „Download Tasks“ button.

Profile page contains users info, and a button to log off.

The screenshot shows the TaskApp user profile page. The layout includes a header with the TaskApp logo, "Home", and "Languages" menu. A "Profile" link with a user avatar is in the top right corner.

The main content area features a user profile card on the left and a statistics table on the right.

**User Profile Card:**

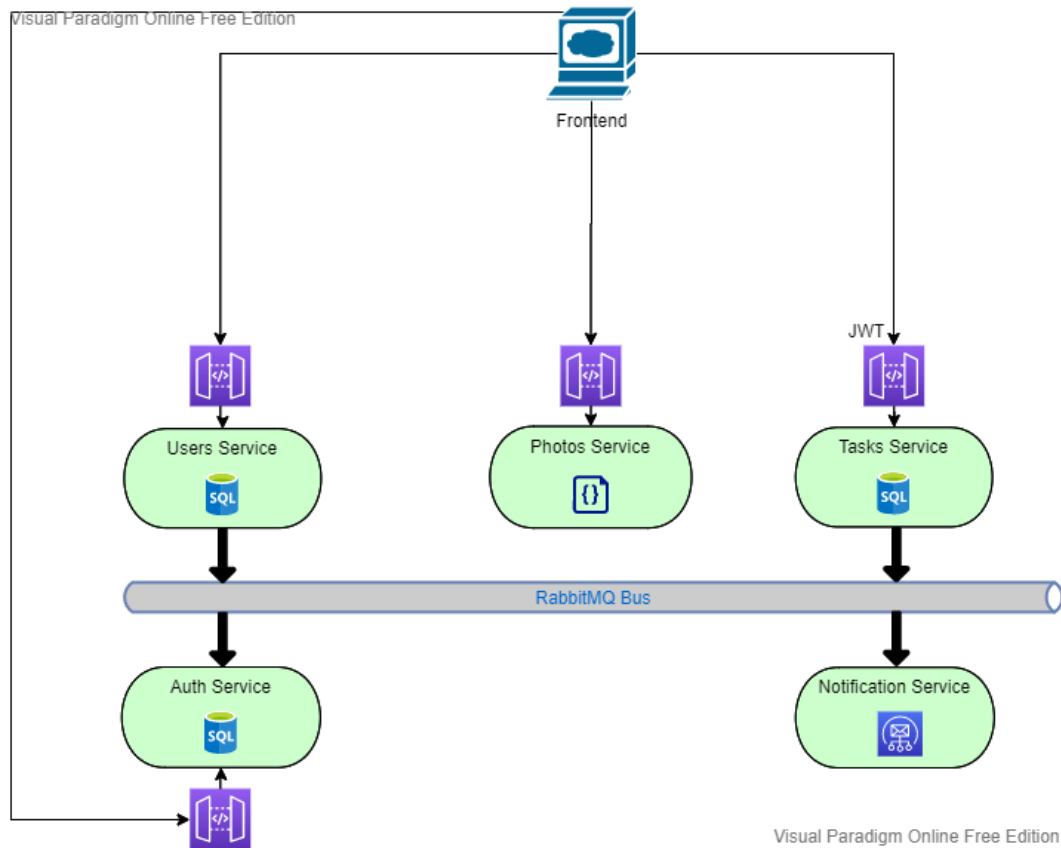
- Avatar:** A circular profile picture of a man.
- Name:** "Amar Čatović".
- Role:** "TaskApp User".
- Action:** A red "Log off" button.

**Statistics Table:**

First Name	Amar
Last Name	Čatović
Email	amarzenica@gmail.com
Number of Created Tasks	0
Number of Assigned Tasks	0

Below the table is a blue "Edit" button.

# Arhitecture



The backend of the appliaction is built with .NET 5 using microservice arhitecture with RabbitMQ message handler.

The frontend of the application is built with Angular 10, where multiple modules were built, mostly matching services at the backend.