



אוניברסיטת בן-גוריון בנגב

Ben-Gurion University of the Negev

جامعة بن-غوريون في النقب

בניית מערכות ממוחשבות מבוססות אינטרנט (WEB)

364-1-1381

### Assignment 11

1. Right down in the report of this assignment the properties of a table 'users' in your DB from your previous assignment (it's columns, their types, primary key, order).
2. Create a new route called: 'assignment11/users'.
3. This route ('assignment11/users') will return a list of users from a table 'users' from your DB in a **json** format if we use 'GET' method. Ignore all other methods.
4. Create a new route called: 'assignment11/users/selected/<int:SOME\_USER\_ID>'.
  - a. This route will return all the data of a specific user in a **json** format if this user exists.
  - b. This route will return a **json** response with some error message if user does not exist.
  - c. This route will return some default user if no ID was given (just: /assignment11/users/selected) in a **json** format.
5. Use types int or float for user ID in the route.

### Additional Remarks:

- You can add as many new templates and static files as you wish

### Additional resources:

- MySQL cheat sheet: <https://gist.github.com/hofmannsven/9164408>
- URL parameters:  
<https://exploreflask.com/en/latest/views.html>  
<https://pythonbasics.org/flask-tutorial-routes/>

### Submission of the assignment:

- You need to create a **short** report with descriptions of what you did in **bullet points**. It will help us to see the changes you did and where we can find them in your GitHub repo.
- Attach the link to your GitHub repo at the top of the report.
- Write down your name and ID at the title.
- The length of the report doesn't have to be more than one paper.
- The format of the report – **PDF** file.
- You need upload the report in a special submission box in the Moodle website.