

Django Assignment 1:

- a. Create a Project named Assignment1 with an app named Details having two models.
- b. Model 1 - Create Student Model with following fields – First Name, Last Name, Date of birth, Roll number, Department Name, Course name, semester number.
- c. Model 2 - Create Department Model with following fields – Department Name, Number of Courses, Number of teachers
- d. Write views, urls, templates with html, etc to render the data on the web browser.
- e. We will be using SQLite as a database.
- f. Also register you app in the admin so that we can make changes from the admin panel as well.
- g. Feel free to showcase any other feature that you can think of...

Please submit the assignment within 24 hours from now i.e., before previous class please email your public github link.

Django Assignment 1 continuation:

- a. Add a One to Many relationship in the previously defined models (think wisely and then add it)

Reference: <https://docs.djangoproject.com/en/4.1/topics/db/models/>

- b. Add a new field "Age" in Student model and create a function to calculate age with the help of Date of birth and today's date.
- c. While migrating the code change for new field "Age", the previously added data should be retained in the database.