1. Create a django project named “backend \_task” . The project should contain the following models .
   1. Extend User Model with following fields:
      1. Country
      2. Bio
      3. Phone number
      4. Areas of interest (can be multiple)
      5. User documents
      6. Birthday
      7. Location of Home Address (Coordinate)
      8. Location of Office Address(Coordinate)

**Note**: Make use of model methods, property and manager to extract more information from the user. Feel free to use your own ideas to add models, fields and other elements to make the project more functional.

* 1. Create a model and add required fields to store the line(vector) from the user's home to office.

**Note**: A line is one of three features with which most vector data is represented in GIS maps.

1. Develop post, patch, retrieve, list, delete APIs for user information.(Donot use Modelviewset). Make list api public to all the users , and all other API endpoints should be authenticated.
2. Create an API to return geojson of the user's line(vector) from home to office.
3. Create APIs to signup and login for the users.
4. Create an API that takes a random coordinate as input and returns a list of the users with Home Address within 10 km radius of that input coordinate.
5. Create a scheduled task to wish users on their birthday.
6. Upload the project to your github

**Note**: These tasks are for evaluating your technical and logical capabilities. Even if you are unable to complete all these tasks, send your repository to us on the mentioned date. All your creative ideas and approaches are accepted.