**Assignment 1 - Spring MVC**

**Blood Bank web application**

**Part 1:**

Launch a URL that launches the home page of a **Blood Bank.**

Here please demonstrate usage of the following:

1. @Controller
2. InternalResourceViewResolver
3. Home page showing donor details
4. @PathVariable
5. @RequestParam
6. Model

**Part 2:**

Consider you have a ‘donor’ table in db.

On the home page for the Blood Bank’s website and display all available donors.

On clicking any donor, the corresponding donor details should be seen on a new page (demonstrate @PathVariable)

Demonstrate @RequestParam by passing bloodGroup info on URL as a request param and updating the list of donors seen on the screen.

Implement a Donor registration form to accept donor info and persist it in DB. Use validation using annotations.

Implement an administrator login page that takes username, password and authenticates against the admin credentials stored in the DB (you will need a new table for this).