Write an API microservice using Spring Boot to simulate user registration. Write and push your code to Github so the interviewer can see the development process.

- Expose REST API to accept a payload of username, password, and IP address.  
- All parameters must not be blank (!= empty and null). Return error messages if not valid  
- Password need to be greater than 8 characters, containing at least 1 number, 1 Capitalized letter, 1 special character in this set **“\_ # $ % .**” Return error messages if not valid  
- Call this end point to get geolocation for the provided IP: [IP-API.com - Geolocation API - Documentation - JSON](https://ip-api.com/docs/api:json). If the IP is not in Canada, return error message that user is not eligible to register  
- When all validation is passed, return a random uuid and a welcome message with his username and his City Name (resolved using ip-geolocation api)  
- The API need to have OpenAPI specification, no matter what your approach is code first or design first.  
- Project must use Maven or Gradle to build. Generate a spring boot project here: [Spring Initializr](https://start.spring.io/)   
- Need to have JUnit Tests