

Sample Test cases and Procedure to run Hiring Application.

External-Hiring Service

- 1) External Candidate Details – URL to post the details of candidates in the request body :
POST -- <https://localhost:9001/external-post-requirement>

```
i) {  
    "candidateid":1,  
    "fullname":"Marshal",  
    "skillsets":["java","python"]  
}
```

Expected Response: Success

```
ii) {  
    "candidateid":2,  
    "fullname":"Christopher",  
    "skillsets":["c","c++",".NET","REST"]  
}
```

Expected Response: Success

```
iii) {  
    "candidateid":3,  
    "fullname":"Nolan",  
    "skillsets":["c","c++",".NET","REST"]  
}
```

Expected Response: Success

- 2) MatchRequirement – URL to post the requirement in request body and match required skills with candidate skillset:
POST – <https://localhost:9001/external-match-requirement>

```
{  
    "requirementid":1,  
    "position":"developer",  
    "requiredSkillsets":["c","c++",".NET","REST"]  
}
```

Expected Response: Candidate details with a match to required skills

```
{  
    "candidateid":2,  
    "fullname":"Christopher",  
    "skillsets":["c","c++",".NET","REST"]  
}  
  
{  
    "candidateid":3,  
    "fullname":"Nolan",
```

```
        "skillsets":["c","c++",".NET","REST"]
    }
}
```

Internal-Hiring-Service

- 1) Internal Candidate Details – URL to post the details of candidates in the request body :
POST -- <https://localhost:9001/internal-post-requirement>

```
i) {
    "candidateid":1,
    "fullname":"Steven",
    "skillsets":["java","python"]
}
```

Expected Response: Success

```
ii) {
    "candidateid":2,
    "fullname":"James",
    "skillsets":["c","c++",".NET","REST"]
}
```

Expected Response: Success

```
iii) {
    "candidateid":3,
    "fullname":"Robert",
    "skillsets":["kubernetes"]
}
```

Expected Response: Success

```
iv) {
    "candidateid":4,
    "fullname":"Will Smith",
    "skillsets":["c","c++"]
}
```

- 2) MatchRequirement – URL to post the internal requirement in request body and match required skills and optional skills with the Internal candidate details and External candidate details.
POST – <https://localhost:9001/internal-match-requirement-opitonal>

```
{
  "requirementid":1,
  "position":"developer",
  "requiredSkillsets":["c","c++"],
  "optionalSkillsets":[".NET","REST"]
}
```

Expected Response: If both required skills and optional skills matches in internal candidates, then such candidate details are retrieved as response

```
{
  "candidateid":2,
  "fullname":"James",
  "skillsets":["c","c++",".NET","REST"]
}
```

If the above condition fails then, only required skills is checked with candidate skills then response will be:

Expected Response:

```
{
  "candidateid":4,
  "fullname":"Will Smith",
  "skillsets":["c","c++"]
}
```

If both the above conditions fail, then External-hiring-Service will be invoked and then both skills are checked with external candidates skillsets.

SUMMARY

URL used in the Application:

- To post the details of external candidates in request body please select POST request and enter **POST** -- <https://localhost:9001/external-post-requirement>
- To post the requirement in request body and match required skills with candidate skillset: **POST** -- <https://localhost:9001/external-match-requirement>
- To post the details of internal candidates in the request body : **POST** -- <https://localhost:9001/internal-post-requirement>
- To post the internal requirement in request body and match required skills and optional skills with the internal candidate details and external candidate details. **POST** – <https://localhost:9001/internal-match-requirement-opitonal>

