

## Leaderboard Project – Example Outputs

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IP address and port of the google cloud vm instance: <http://34.72.148.39:8090>

Swagger UI: <http://34.72.148.39:8090/swagger-ui.html#>

Swagger UI is configured in the above link to send requests to the server.

Example Outputs:

- **GET/leaderboard** → <http://34.72.148.39:8090/leaderboard>

```
[
  {
    "user_id": "886313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "mine",
    "points": 57.5,
    "rank": 1,
    "country": "us"
  },
  {
    "user_id": "876313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "brian",
    "points": 41,
    "rank": 2,
    "country": "ge"
  },
  {
    "user_id": "896313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "ariel",
    "points": 0,
    "rank": 3,
    "country": "us"
  }
]
```

- **GET/leaderboard/{country\_iso\_code}** → <http://34.72.148.39:8090/leaderboard/us>

```
[
  {
    "user_id": "866313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "miranda",
    "points": 147,
    "rank": 1,
    "country": "us"
  },
  {
    "user_id": "886313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "mine",
    "points": 57.5,
    "rank": 2,
    "country": "us"
  },
  {
    "user_id": "896313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "ariel",
    "points": 0,
    "rank": 5,
    "country": "us"
  }
]
```

- **POST/user/create** → <http://34.72.148.39:8090/user/create>

```
{
  "user_id": "836313e1-3b8a-5372-9b90-0c9aee199e5d",
  "display_name": "aurora",
  "points": 0,
  "rank": 7,
  "country": "ge"
}
```

- **POST/score/submit** → <http://34.72.148.39:8090/score/submit>

```
{
  "score_worth": 112,
  "user_id": "836313e1-3b8a-5372-9b90-0c9aee199e5d",
  "timestamp": 1608543740889
}
```

- **GET/user/profile/{guid}** → <http://34.72.148.39:8090/user/profile/836313e1-3b8a-5372-9b90-0c9aee199e5d>

```
{
  "user_id": "836313e1-3b8a-5372-9b90-0c9aee199e5d",
  "display_name": "aurora",
  "points": 112,
  "rank": 2,
  "country": "ge"
}
```

- **POST/user/create-all** → <http://34.72.148.39:8090/user/create-all>

Input: List<User> users  
Adds multiple users at once

```
[
  {
    "user_id": "806313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "trump",
    "points": 0,
    "rank": 8,
    "country": "us"
  },
  {
    "user_id": "816313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "merkel",
    "points": 0,
    "rank": 8,
    "country": "ge"
  },
  {
    "user_id": "826313e1-3b8a-5372-9b90-0c9aee199e5d",
    "display_name": "biden",
    "points": 0,
    "rank": 8,
    "country": "us"
  }
]
```

- **POST/score/submit-all** → <http://34.72.148.39:8090/score/submit-all>

Input: List<Score> scores

Adds multiple records of existing users at once

```
[
  {
    "score_worth": 7,
    "user_id": "826313e1-3b8a-5372-9b90-0c9aee199e5d",
    "timestamp": 1608544688050
  },
  {
    "score_worth": 72,
    "user_id": "816313e1-3b8a-5372-9b90-0c9aee199e5d",
    "timestamp": 1608544688051
  },
  {
    "score_worth": 65,
    "user_id": "806313e1-3b8a-5372-9b90-0c9aee199e5d",
    "timestamp": 1608544688053
  }
]
```