

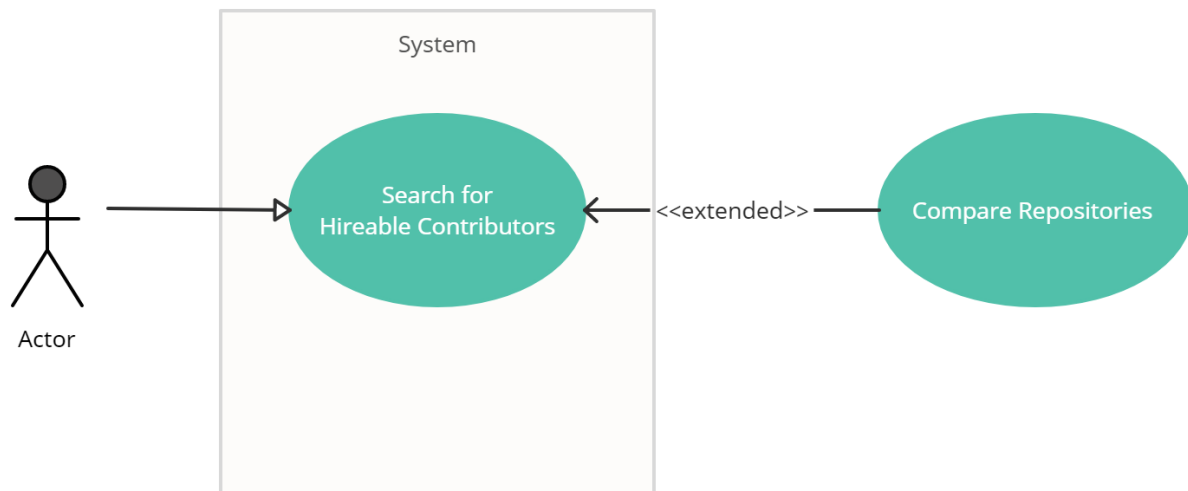
Design Document

Use Case:

When Augur is started and set to start collecting data it will use the GitHub API to collect the contributors in a repository and then use that information to find users who indicated they are hireable. The information that will be stored in the database is the user's GitHub name, GitHub link, company, contact info, etc.

*If possible the user will be able to compare repositories like in the Use Case Diagram

Use Case Diagram:



Design Steps:

1. The worker, worker_base.py, already uses the GitHub API to get the contributors and their info of a repository.
2. All that is needed to do is add to the worker to get the hireable values of the contributors.

3. In *cntrb* where the platform is GitHub add this line of code:

```
'cntrb_hireable': contributor['hireable'] if 'hireable' in contributor else None,
```

4. This should add a column into the contributors table in the database but if not then manually add it.

```
ALTER TABLE "augur_data"."contributors"  
    ADD COLUMN "cntrb_hireable" varchar;
```

5. After making the edits rebuild Augur in the virtual environment with:

```
make rebuild-dev
```

6. If feasible use the command line to query the augur database and search for contributors who are hireable.

a. Otherwise use a Jupyter Notebook, connect the database, and query the hireable contributors from there.