

First iteration

Team Name:

TeamOfFour

Team Member:

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1. The date and time at which you already completed this demo, and briefly describe any challenges that arose during the demo.

We completed this demo at 8pm Nov. 7th. The biggest challenge we met was where to put our aws keys. First we share a credent.py file by email and put that file in .gitignore. When we start to use travis CI, there is no way travis to get this file. We solved this problem by putting it into the environment variable in travis (`export Access_key_ID=[secure]`) and read it in the code using os interface (`aws_id = os.environ.get('Access_key_ID')`).

2. The specific user stories and conditions of satisfaction that were demonstrated, with an explanation of any changes since your revised proposal.

Registration: As a customer, I want to sign up/sign in using my username/passcode and build personal taste profile so that my information can be saved for future.

Conditions of satisfaction: I can successfully sign up, create username and password, create the user profile and log in.

Acceptance:

Common case:

A user creates a username with an email address which has not been used: pass.

A user uses an already sign-up username with correct passcode: pass.

Special cases:

A user uses an email address that has already been used: fail and alert an error message.

A user uses a username that does not exist in our database: fail I and alert an error message.

A user uses a wrong password that does not match the username: fail I and alert an error message.

Changes:

Now we also want username doesn't contain special characters.

Now we also want some length limit on the length of those fields.

3. A brief discussion of your CI mechanisms, including which technology you used.

Pre-commit: Github hooks

---Create a bash script called pre-commit which was used to run python Pyflakes on the modified files to check if there is any bug or bad code smells.

<https://github.com/manMadeLogic/YourChef/blob/master/pre-commit>

```
→ YourChef git:(master) x git commit -m "pre-commit"
YourChef/application.py:22:14: invalid syntax
confirm =
    ^
→ YourChef git:(master) x
```

Post-commit: TravisCI

---Virtualization environments settings on which the building will be run;

---Checking and installing dependency libraries including python packages;

---Running unittest scripts to test user sign-up and log-in functions;

<https://github.com/manMadeLogic/YourChef/blob/master/.travis.yml>

The screenshot displays the Travis CI dashboard for the repository 'manMadeLogic / YourChef'. The build status is 'passing' with a green checkmark. The job log is expanded, showing the following steps:

- 1 Worker information
- 6 Build system information
- Setting APT mirror in /etc/apt/sources.list: http://us-east-1.ec2.archive.ubuntu.com/ubuntu/
- git clone --depth=50 --branch=1.0.0 https://github.com/manMadeLogic/YourChef.git manMadeLogic/YourChef
- Setting environment variables from repository settings
- export Access_key_ID=[secure]
- export Secret_access_key=[secure]

4. A link to the GitHub repository where your entire codebase resides. Tag the revisions that were shown in the demo.

<https://github.com/manMadeLogic/YourChef/releases/tag/1.0.0>