

Summary work in 2 weeks

Role: Tracker

I. CloudBees:

a. Using CloudBees summary:

Email: bachthuconuong@gmail.com

Password: 123456789

b. Description CloudBees error status in iteration 2:

```
ERROR: Error cloning remote repo 'origin' : Could not clone git@github.com:pufm2/hms.git
hudson.plugins.git.GitException: Could not clone git@github.com:pufm2/hms.git
```

CloudBees can't interact with GitHub.

Reason: We just configure CloudBees works with GitHub, but not configure GitHub understand CloudBees

c. Solution:

Configure GitHub understands CloudBees:

- Copy SSH public key CloudBees create for this responsibility.
- In GitHub account setting, add new SSH public key with name "CloudBees public key" and paste SSH public key for CloudBees.
- In CloudBees account, build it now

d. Advance and disadvantage of CloudBees:

Advance:

- It has all feature of HUDSON.
- Configure: Easier than Hudson, because CloudBees included maven. We don't need configure for Hudson understand maven (error we meet in iteration 1).
- Don't need to configure server for HUDSON

Disadvantage:

- We must pay fee if repository service larger than 2G and more than 3 user, etc.

II. Tracker's notes:

a. Description about iteration 3:

- Implement 2 functions for NURSE: generic diagnostic, assign doctor
- Validate and refactor

b. Follow schedule of work

- All members familiar with XP programming better than previous iterations.
- Repair all error about GitHub and CloudBees that met in previous iterations.
- The schedule suitable for all members to follow.
- Programmers work pair programming. Therefore, we have some conflicts in submitting code with version control system.
 - Definition Conflict of version control:

“What happens when two people try to make different changes to the same place in the code. All version control systems automatically detect conflicts, and notify at least one of the humans involved that their changes conflict with someone else's. It is then up to that human to *resolve* the conflict, and to communicate that resolution to the version control system”.

- Reason:

Each of us has different schedule. We don't have enough time to work together. Moreover, we don't have more experience work with version control system. Most of time, we contact base on email and submit code by version control. Thus, while ones refactor code and submit, ones try to fix something base on previous version and submit later. We met conflict code.

- Solution:

Fix the conflict code:

- Fix by hand: we chose fix by hand because it will be easy control
- Fix by tool: we can use merge code with Git

Two programmers deal with each other about rule to work:

Before submit code need to contact together.

Always, work on newest version of project.

- References:

- Pair programming: <http://www.extremepert.org/bk/pair-programming>
- Conflict code: <http://producingoss.com/en/vc.html>
- Merge code with Git: <http://schacon.github.com/git/user-manual.html#resolving-a-merge>