Project Management 5-th Iteration Report

Team:

Member	Role
HOAN Xuan Le	Project manager
PHAT Huu Nguyen	Tracker
QUYNH Le Nhu Tran	Programmer
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Agenda

- Planning
- Tasks
  - Unit test
  - Functional testing
  - Code review
  - Fix bug
  - Prepare for final report
- Management issues and solution
- Next plan (to final release)

Planning

- This iteration is considered the last iteration, our planning is:
    - Finish Unit tests
    - Functional testing and fix bug
    - Prepare for the final report

Tasks Done – Unit test

- We finished unit test for the model
- Each method has a corresponding test
- Negative tests (test with exception expected) are added. We mostly simulate the case database is broken
- Unit test classes also were redesigned so that common source codes were refactored to a common place

Tasks Done – Unit test

- Result:
  - It's quite a good idea to create unit test for all methods, some important bugs was found
  - For example, the way we open and close the connection to db is not suitable. We fix it by open the connection exactly one time at starting

Tasks Done – Functional testing

- Functional testing for the program has been done.

- Tester prepared bug report and send to all team

- Most of bugs belongs to UI (of course it's not easy to cover UI by unit test, manual testing is still necessary)

Tasks Done – Code review

- We also carried out code review for the HMS model
- No critical issue found, however, through this activity, team members can understans better about the source code

Tasks Done – Fixing bugs

- Bugs detected by manual testing are assigned to programmer for fixing

- We classified bugs by priority and focused on fixing only important bugs

- Most of important bugs have been fixed

Tasks in progress – Prepare for final report

- Two team members are assigned to prepare for the final report
- Still waiting for the report template from our project advisor

Management – issue and solution

- All team members are sinking in projects and working. Communication through mail and chatting sometime not effective and very time-consuming

- In reality, software development prefers a stable team. So more or less, periodical changing role (each iteration) makes one person feel hard to take over works other peoples left

Management – issue and solution

- We solved the issues by arranging time to meet and work together

- The effect of working this way is really good. What we had done for 3 hours is equivalent to a few days working remotely

Plan to final release

- Prepare for the final report (highest priority)
- Implement administrative features
- Continue to fix bug if we have time (optinal)

End