Hospital Management System Project

Report for iteration 4

Contents

O Introduction

O Roles

O Applying XP methodology

O Advantages

O Issues and Solutions

O Tasks has been done

O Planning for next iteration

Introduction

O In iteration 4, we planed:

   O Develop functions relate to nurse role: generic diagnostic, assign doctor

   O Design test for all functions

   O Refactor : exist code, database wrapper, new code

   O Configure GitHub understands CloudBees

Roles

O Coach: Ms. Emillie Balland

O Project manager: Tran Le Nhu Quynh

O Tracker: Ngo Minh Anh Thu

O Programmer: Nguyen Huu Phat

O Programmer: Le Xuan Hoan

Applying XP methodologies

O Create mock test for view

O Design unit testing for input values and verify valid data before coding

O Apply pair programming

O Keep coding standards

O Standup meeting more frequency

O Use automation iteration tools

Advantages

O All members familiar with XP programming

O The schedule suitable for all members to follow.

O Automation built system

Issues

O Have 2 another project must be done in this iteration thus difficulty to using pair XP programming.

O Have problem to write EasyMock:

   O View

   O void method.

O We have changed some exist classes, methods when we refactor and develop new functions. So, some exist test methods become to not equivalent. We have to rewrite our test methods.

Task have been done

O Finish implement and test for doctor's functions: insert/update diagnosis, manage schedule Refactor all code in this iteration and previous iteration

O Commit code frequency into small time slot.

O Frequency build it on CloudBees

Planning for next iteration

O Change team members' role: Hoan roles manager, Phat roles tracker, Quynh & Thu role programmers.

O Develop functions relate to admin role

O Refactor and improve code.

O Hope with advice of coach, we can solve all mock test problem

O Stand-up meeting each day