Team Final Project

CHANGE LOG

Typically updated places in a wiki page over the initially released version of the project/iTrust requirements are highlighted in blue color.

- Nov 1. Each student team is allowed to write either HTTPUnit or Selenium tests (not just limited to HTTPUnit tests). We have updated iTrust/Project Requirements for reflecting such expansion of the scope of types of tests.
- Oct 21. Added clarification of UC 93.3-S1 “If the patient is eligible for obstetric care” on the project/iTrust requirements.
  - Clarification: You shall not implement a complicated business logic to determine whether the patient is eligible for obstetric care. Instead, you shall maintain a boolean flag of eligibility (initially set as False) in the database for a patient to indicate the eligibility for obstetric care. The HCP shall have the capability to change this flag, as indicated by UC 93.4-E3 “The error message, “The patient is not eligible for obstetric care.” is displayed and the HCP is prompted to try again, or to change the patient’s eligibility for obstetric care.”.
- Oct 15. Added wiki page for Setting Up iTrust with IntelliJ

PROJECT WIKI PAGES

Project Teams
iTrust/Project Requirements
Setting Up iTrust with IntelliJ

First Meeting – meeting time between Oct 15 - Oct 19 (Monday-Friday)
Iteration 1 – demo time between Oct 29 - Nov 2 (Monday-Friday)
Iteration 2 – demo time between Nov 12 - Nov 16 (Monday-Friday)
Iteration 3 – demo time between Dec 3 - Dec 7 (Monday-Friday)
Final Presentation – meeting time between Dec 10 - Dec 14 (Monday-Friday)
Final Documentation Due before the final presentation meeting between Dec 10 - Dec 14 (Monday-Friday)
Final Code Submission Due before the final presentation meeting between Dec 10 - Dec 14 (Monday-Friday)

COURSE STAFF SUPERVISOR SCHEDULE

Tiantian’s Meeting Slots
Qing’s Meeting Slots
Peilun’s Meeting Slots
Sameksha’s Meeting Slots

LOGISTICS

Projects will be done in project teams (see your team formation in this wiki page, accessible to only logged-in users) of 7 to 8 students. Each team has a course staff member, i.e., course staff supervisor, who will be working with the team for the rest of the semester.

Your team will work on team software development for the new iTrust requirements posted on the project requirements wiki page.

FIRST STEPS

1. Your first task as a team is to agree on a team contract. Below is a sketch of what the team contract shall look like.
2. Team contracts are due by the First Meeting. You will need to print your team's contract, have all the members of the team sign it, and submit it during the First Meeting.
3. Your team shall sign up for a time for a First Meeting slot. In particular, your team shall sign up following the instructions on this page for a meeting slot with the course staff supervisor in charge of your team (you can find out who is your course staff supervisor from this wiki page, accessible to only logged-in users).
4. Ensure that your team has already set up its wiki page according to the sample format (see the detailed instruction on such project wiki page in the First Meeting wiki page). You will use this team wiki page to keep an online record of your team’s progress throughout the course project, including the minutes of your meetings.
5. You team shall do role assignment among team members for each of the three iterations (Iterations 1, 2 and 3). In particular, for each iteration, your team shall assign three team members to take the roles of team/development leader, planning leader, and quality assurance leader, respectively. Note that the role assignment shall reflect rotation of taking roles, i.e., satisfying the following requirements: (1) every team member needs to take one role during at least one iteration; (2) no team member is
allowed to take the same role for more than one iteration. For a team with 7 or 8 members, 1 or 2 members will take two
different roles across two iterations. Please refer to the lecture slides on "team management" and Section 2.3 of http://www.se.
rit.edu/~swen-256/resources/PlanDriven.pdf for more details on role responsibilities.

<table>
<thead>
<tr>
<th>Team Contract</th>
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<tbody>
<tr>
<td><strong>Team contract for __________________ (your team name goes here; you can find out your team name from this wiki page, accessible to only logged-in users)</strong></td>
</tr>
<tr>
<td>• We agree that we will participate actively in this class project.</td>
</tr>
<tr>
<td>• We agree that all members of our team will be present during the demo for each milestone.</td>
</tr>
<tr>
<td>• We agree to consistently meet as a team at ________________________ (time(s) and day(s)) [minimum meeting time: 1 hour] each week for the duration of the course project. This is in addition to meeting separately in pairs (if our meetings last long enough that we do all our work and pairing during the meetings, then we don’t need separate meetings for pair programming), and this is separate from team meetings with your course staff supervisor.</td>
</tr>
<tr>
<td>• We agree that we will do actual pair-programming and that we will switch pairs regularly.</td>
</tr>
<tr>
<td>• We agree that we will respond to e-mail/calls/etc. from our team members and the course staff within ________ hours.</td>
</tr>
<tr>
<td>• We agree to report an unresponsive team member to the course staff as soon as problems occur.</td>
</tr>
<tr>
<td>• We agree that we will seek help from the course staff and not wait until the last minute before the assignment is due.</td>
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<tr>
<td>• We agree that we will post our progress frequently on our team’s page on the class wiki.</td>
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<tr>
<td>• ... include additional clauses for your team....</td>
</tr>
<tr>
<td>Signed,</td>
</tr>
<tr>
<td>Name</td>
</tr>
<tr>
<td>FIRSTNAME1 LASTNAME1</td>
</tr>
<tr>
<td>FIRSTNAME2 LASTNAME2</td>
</tr>
<tr>
<td>...</td>
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</tbody>
</table>

Ideally, your entire team would meet at least one evening each week to work on the project. This is primarily work time not play time. Your team may choose any meeting style that works best for you, and which reflects XP practices. Please keep minutes of ALL meetings that you have as a team on your team’s wiki page. Create a Child Page for the minutes of each meeting.

All team members must be present at each meeting with the entire team and/or the course staff supervisor.

**TIMELINE**

In the rest of the course project, each team will present their progress to the course staff supervisor for the team based on the schedule below:

- First Meeting: Oct 15 - Oct 19 (Monday-Friday)
- Iteration 1 demo: Oct 29 - Nov 2 (Monday-Friday)
- Iteration 2 demo: Nov 12 - Nov 16 (Monday-Friday)
- Iteration 3 demo: Dec 3 - Dec 7 (Monday-Friday)
- Final Presentation (includes submission of code and non-code artifacts): Dec 10 - Dec 14 (Monday-Friday)

Each milestone demo will be worth **15 points**. The final demo will be worth **50 points**.

**FAQ**

1. **Will we be able to change teams?**
   No.

2. **What if I don’t like my team?**
   In practice, you will not always choose your teams. Learning how to function effectively within a team is an important skill that you will need. We hope that you can learn some of that in this class. FYI, here is a blog post on "How not to work with others" written by a Cornell CS professor.
3. **Is it fair to force us into teams?**
   All teams were formed in more or less the same random manner, similar to what you may experience in the real world when you graduate.