**WorkFlow**

**Final presentation rehearsal will be on December 1st, Friday 9AM, General study 1st floor**

1. Complete SPP(Yansen + Dawei **12/04 due**), STD, SDD ( Reference - Dawei **12/04 due** )
2. Responsibility
3. Final submission
4. At least one commit to the github for each person
5. New feature ? Less work is better

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**Guidance** :

Each person is responsible for one topic.

1. At least one slide for each bullet point
2. At least 2 tables + 2 graph + 2 picture with several explanation for each topic
3. Leverage the previous work, find resources from previous report and slides
4. Follow above order to make ppt
5. Deadline is 29th Nov.
6. Rehearsal on the Sunday before the final presentation
7. Generally, one person for one topic, but if your find part of your work has been done by other people for the previous presentation, or you have any questions, you can ask help from other person, or you can check their previous work
8. The person who is responsible for the topic is the presenter for this topic; Helpers are not included in the presentation

**Responsibility**

Introduction: (**Dawei**)

1. Team member and Roles
2. Project overview

Requirement: (**Chen Shou**)

1. overview of functional requirements using use case diagram ( use case description, use case diagram, class diagram, state diagram ,sequence diagram) (at least once for each) (similar to homework)
2. user stories (examples, total # (planned vs completed), total points) (at least 3)
3. how your project track requirements and handle requirement changes, nonfunctional requirements etc.
4. Update pivot tracker and get some screenshots and discussion / explanation

Design: (**Yansen**)

1. the software architecture (Xiang)
2. Database (diagram )(Dawei)
3. Class and Method
4. Design patterns (Dawei)
5. Algorithms used (Xiang)
6. (any change or additions if worked on an existing project)

Configuration: (**Xiang Chen**)

1. Version Control
2. Environment Integration
3. Code Review
4. Deployment
5. Solve conflicts

Implementation: (**Xiang Chen**)

1. project structure
2. code examples
3. any special tools, experience, or techniques used,
4. refactoring example
5. if work on an existing project, how to understand the previous source code

Testing: (**Lu Min**)

1. types of testing
2. Unit Test (weicheng) ( javascript)
3. Unit test (Lu Min) (php)
4. Integration Test (Dawei)
5. test case examples
6. Acceptance test
7. testing metrics, such as testing coverage, test pass rate, defect density or fix rate etc

Security: (**WeiCheng**)

1. process/technique used
2. You may highlight some security related process/techniques when discussing each activity (requirement/design/implementation/testing),
3. or discuss security as a separate topic.

Project Management: (**Dawei && Yuhao Wu**) (more tables and graphs)

1. role assignment as well as each individual contribution ()
2. risk management ,quality management (Lu Min)
3. particularly the quality metrics collected throughout the project (Lu Min)
4. process improvement,iteration evolution
5. achievements of the project,challenges in the project,lesson learned

Explanation for features that has not been implemented: (**Xiang** )

1. Feature , with requirement analysis ( class, class diagram, state/sequence diagram)
2. Reason why we do not finish all those features
3. How we will implement those features if we have plenty of time

Demo: ( **Weicheng**, **Yansen**)

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**Guidance**:

1. Deadline : all above documents need to be submitted by the the **5th Dec**. Any document after that (including evaluation form and peer review form) will not be submitted forever. If shoud talk to professor zhang directly.

**Final Submission**

Github master branch

1. include final version of SPPP, SDD (include any change or addition based on the previous semester's SDD document) (Da wei , Add **reference** for all documents)
2. test case documentation ( Lu Min)
3. meeting minutes, weekly report, each iteration presentation (xiang)
4. and all source code with comments (Yansen Liu- check all files and delete all copyright comments then create new pull request) -**finished**
5. a description of the source code folder structures (Yansen) -**finished**
6. a brief explanation of modification/addition to the previous code base.(Yansen)

-**finished**  
Pivottaltracker: (Yuhao Wu)( **Deadline 29th Nov.**)

updated requirements using user stories, including acceptance tests, task breakdown, and estimation ( **add at least 3 for the “current iteration” and at least 3 for the “ice box”**)

Final software: (Xiang) (cost 5/month)

fully deployed website.

Final presentation evaluation form, completed by each student, submitted in the class (All)

.  
Final group/self/peer review form, completed by each student, submitted on the Blackboard. (All)

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 12 (12/01)**

**Date and Time:** 9:00 AM to 11:00 AM

**Place**: General study 1st floor Study Room

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Dawei Li, Lu Min, Chen Shou

**Minutes taker:** Weicheng Yu

**Timekeeper:** Dawei Li

**Purpose:**

1. Work on presentation ppt
2. Discuss and assign works for presentation for iteration 3
3. Finalization of project code wise

**Agenda:**

1. Finish PPT for next Wednesday
2. Complete STD and SDD
3. Security part discussion
4. UI change

**Discussions:**

Yuhao Wu :

1. Merge local code and document to github

Xiang chen:

1. Complete STD and SDD
2. Test Login and access control

Yansen Liu

1. Change front-end design ( color, font-style, change css file)
2. Compete STD and SDD
3. Implement the front-end part
4. At least one commit and create new pull request to github

Weicheng Yu

1. Write unit test for testing php function and upload several code to github
2. Finish Security part of PPT

Dawei Li

1. Complete STD and SDD
2. Check progression of everyone’s part in the final presentation. (already created in the google drive)
3. Continue to write several integration test using Selenium and upload the code to github

Lu Min : ( Missing)

Chen Shou: ( Missing)

**Action Items:**

* **More Integration Test with Selenium and JUnit**
* **Solve or delay the login and access control issue**
* **Front-end UI adjustment**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 11 (11/14)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: General study 1st floor Lounge

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Dawei Li, Lu Min, Chen Shou

**Minutes taker:** Xiang Chen

**Timekeeper:** Yansen Liu

**Purpose:**

1. Discuss and assign works for front-end design
2. Discuss and assign works for presentation for iteration 3
3. Code commit to make sure everyone has at least one commit
4. Discuss how to solve the login and access control issue

**Agenda:**

1. Continue to work on unit test and integration test
2. Assign jobs for the presentation for iteration 3
3. Complete STD and SDD

**Discussions:**

Yuhao Wu : ( Missing)

Xiang chen:

1. Complete STD and SDD
2. Upload integration test to github
3. Solve the login and access control issue for the project

Yansen Liu

1. Change front-end design ( color, font-style, change css file)
2. Compete STD and SDD
3. Implement the front-end part
4. At least one commit and create new pull request to github

Lu Min :

1. Complete STD and SDD
2. At least one commit and create new pull request to github
3. Prepare for the test for iteration 3 ( combine all the test issue from previous iteration; make a complex test report for the final iteration; make more for test metrics)

Chen Shou:

1. Complete STD and SDD
2. At least one commit and create new pull request to github
3. Prepare for the presentation of iteration 3. (Suggest to do research in how to solve the login and access control issue; do research in how to make projects based on our current code)

Weicheng Yu

1. Write unit test for testing php function and upload several code to github
2. At least one commit and create new pull request to github
3. Complete STD and SDD

Dawei Li

1. Complete STD and SDD
2. At least one commit and create new pull request to github
3. Assign different people with different parts and work responsibility for the final presentation. (already created in the google drive)
4. Continue to write several integration test using Selenium and upload the code to github

**Action Items:**

* **Php Unit Test**
* **Integration Test with Selenium**
* **Solve the login and access control issue**
* **Front-end implement**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 9 (11/2)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: General study 1st floor Lounge

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Dawei Li

**Minutes taker:** Xiang Chen

**Timekeeper:** Xiang Chen

**Purpose:**

1. Discuss and assign works for unit test and integration test
2. Discuss and assign works for presentation for iteration 2
3. Code commit , pull request and solve conflicts issue

**Agenda:**

1. Discuss the main process of unit test and integration test
2. Assign jobs for the presentation for iteration 2
3. Assign works for everyone about STD and SDD

**Discussions:**

Yuhao Wu : ( Missing)

Xiang chen:

1. Write Integration Test Code
2. Upload integration test to github
3. Write integration test document with graph

Yansen Liu

1. Change front-end design
2. Solve git commit conflicts
3. Implement the front-end part

Lu Min : ( Missing)

Chen Shou: ( Missing)

Weicheng Yu

1. Write unit test for testing php function
2. Made test coverage for the unit test
3. Contribute to the STD

Dawei Li

1. Design database and modify relationship betweens primary keys
2. Draw diagram for database
3. Upload database related file to github

**Action Items:**

* **Php Unit Test**
* **Integration Test with Selenium**
* **Database design and draw diagarm**
* **Front-end implement**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 8 (10/26)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: General study 1st floor Lounge

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Chen Shou, Dawei Li

**Minutes taker:** Yansen Liu

**Timekeeper:** Xiang Chen

**Purpose:**

1. Discuss and assign works for STD
2. Discuss and assign works for SDD
3. Decide main purpose in iteration 2

**Agenda:**

1. Discuss the main feature will implement in iteration 2
2. Assign jobs in iteration 2 to members
3. Assign works for everyone about STD and SDD

**Discussions:**

Yuhao Wu :

1. design pattern(SDD)
2. Classes and methods(SDD)
3. Testing matric(STD)

Xiang chen:

1. Software architecture(SDD)
2. Key algorithms(SDD)
3. Test reports(STD)
4. Introduction(STD)
5. Test summary(STD)

Yansen Liu

1. Software architecture(SDD)
2. Classes and methods(SDD)
3. Test reports(STD)

Lu Min and Chen Shou

1. Testing matric(STD)
2. Test reports(STD)

Weicheng Yu

1. Design patterns(SDD)
2. Testing matric(STD)
3. Introduction(SDD)

Dawei Li

1. Software architecture(SDD)
2. Design patterns(SDD)
3. Tests report(STD)

**Action Items:**

* **Software testing document(STD)**
* **Software design document(SDD)**
* **Database design and change**
* **Front-end implement**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 7 (10/23)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: General study 1st floor Lounge

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Chen Shou, Dawei Li, Yuhao Wu

**Minutes taker:** Yuhao Wu

**Timekeeper:** Yansen Liu

**Purpose:**

1. Assign tasks for presentation
2. Decide main purpose in iteration 2
3. Discuss and decide the details of the project
4. Building refactoring plan

**Agenda:**

1. Settle the content of next presentation and assign to members
2. Bring about 10 user stories on schedule for iteration 2
3. Finish database design
4. Assign jobs in iteration 2 to members

**Discussions:**

* Discuss user stories for iteration 2
  + Decide main user story
  + Discuss the assignment of works
  + Discuss the detail of user story
  + Design the implement plan

* Discuss presentation
  + Decide the content of next presentation and assign them
  + Communicating questions for next presentation
  + Reviewing last presentation and improve on several part

Yuhao Wu :

1.Database design

Xiang chen:

1. Current Architecture
2. Implementation

Yansen Liu and Weicheng Yu:

1. Requirement analysis
2. Demo

Min Lu and Chen Shou:

1. Testing
2. Defect management & Metrics

* Discuss code refactoring principle
  + Code refactoring plan
* Discuss Demo
  + Decide main function on next demo
  + Plan Implementation

**Action Items:**

* **Database Design**
* **Special meeting for Database design group on Wednesday**
* **Prepare Presentation**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 6 (10/16)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: Pal study Lounge

**Participants:** Weicheng Yu, Xiang Chen, Yansen Liu, Chen Shou, Dawei Li

**Minutes taker:** Xiang Chen

**Timekeeper:** Yansen Liu

**Purpose:**

1. Discuss the front-end design
2. Prepare for the presentation on Thursday
3. Solve git conflict problem
4. Modify web interface for iteration two

**Agenda:**

1. Discuss different approach about web interface design
2. Syn up between different front-end designers
3. Arrange different tasks, sections and contents for presentation
4. Solve git conflicts issue and set up a guidance for git push

**Discussions:**

* Discuss Front-end UI
  + Decide front-end solution for iteration 2
  + Design for main webpage
    - Create requirement and edit requirement
    - Sort requirement by different features
    - Finished and deleted tasks
    - Create and delete projects

* Discuss presentation
  + Complete making presentation
  + Presentation Rehearsal before formal presentation on Thursday
  + Arrange different tasks, sections and contents for presentation

Weicheng :

1.Requirement Analysis

2.Demo

Chen Shou:

1. Current Software Architecture
2. Implementation

Min Lu:

1. Testing
2. Quality Control & Metrics
3. Defect management & Metrics

* Discuss code review principle
  + Code Reviewer
    - Configuration Leader : Xiang Chen
    - Security Leader : WeiCheng Yu
    - Requirement: any code change should be reviewed at least by one team member
    - Main Code Reviewer: Xiang Chen
* Discuss Demo
  + Leverage MAMP to deploy
  + Make sure main functions

**Action Items:**

* **Front-End Design**
* **Thursday Meeting 3pm**
  + **PERL Reserved Room**
* **Finish Presentation (priority 1)**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 5 (10/10)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: Pal study Lounge

**Participants:** Weicheng Yu, Dawei Li, Chen Shou, Min Lu, Yuhao Wu

**Minutes taker:** Dawei Li

**Timekeeper:** Chen Shou

**Purpose:** Requirement Analysis, Design software architecture, Preparation for each user story

**Agenda:**

1. Describe requirements into detailed user stories
2. Discuss Front-end UI
3. Discuss domain class and class diagram
4. Discuss software architecture
5. Preparation for each user story

**Discussions:**

* Describe requirements into detailed user stories
  + Turn each existed requirement into detailed user stories
* Discuss Front-end UI
  + Brainstorm ideas about front-end features
  + Design for main webpage
    - Create requirement and edit requirement
    - Sort requirement by different features
    - Pivotaltracker user stories
    - Finished and deleted tasks
    - Create and delete projects

* Discuss domain class and class diagram
  + Analyse each user story
  + Decide domain classes for each user story
  + Create class diagrams for each user story
* Discuss software architecture
  + Basic
    - Each leader generate works
  + Design
    - UI Mockup
    - Determine main features will be build on front-end
    - Decide features to finish this week(most about front-end)
    - Database design
  + Requirement
    - Update Pivotal Tracker requirements by using user story
  + Database
    - Learn database infrastructure
    - Database modeling in UML
  + Create a demo that include most priority 1 features
  + Estimate the time: 8+ hours per person weekly

**Action Items:**

* **Pivotaltracker**
* **Thursday Meeting 3pm**
  + **PERL Reserved Room**
* **Finish part of front-end(priority 1)**
* **Finish all user stories on pivotaltracker**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 4 (10/02)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: Pal study Lounge

**Participants:** Xiang Chen, Yansen Liu, Weicheng Yu, Dawei Li, Chen Shou

**Minutes taker:** Yansen Liu

**Timekeeper:** Dawei Li

**Purpose:** Prepare for Iteration 1, setup MAMP environment, and scheduling work for next week

**Agenda:**

1. Prepare for Iteration 1
2. Brainstorm project ideas
3. Discuss Front-end UI
4. Setup MAMP environment
5. Discuss priority 1 to do next week
6. Assign works
7. Determine meeting time

**Discussions:**

* Prepare for iteration 1
  + Setup MAMP environment
  + UI design and development
  + Add or delete some features
  + Database design and UML
* Brainstorm project functions
  + Brainstorm ideas about front-end features
  + Design for main webpage
    - Create requirement and edit requirement
    - Sort requirement by different features
    - Pivotaltracker user stories
    - Finished and deleted tasks
    - Create and delete projects

* Project title : ProPal
  + Project Vision: 10+ small teams
  + Application purpose: improve the management of agile development of software engineering
  + Similar application analysis
  + Challenge
    - API between different internal components
    - User interface on different devices (Desktop, Mobile, Tablet)
    - Database security
    - Cooperation between different team members
    - Efficient communication between different leadership
    - New skills need to be learned
* Assign works
  + Basic
    - Each leader generate works
  + Design
    - UI Mockup
    - Determine main features will be build on front-end
    - Decide features to finish this week(most about front-end)
    - Database design
  + Requirement
    - Update Pivotal Tracker requirements by using user story
  + Database
    - Learn database infrastructure
    - Database modeling in UML
  + Create a demo that include most priority 1 features
  + Estimate the time: 8+ hours per person weekly

**Action Items:**

* **MAMP setup**
* **Thursday Meeting 3pm**
  + **PERL Reserved Room**
* **Finish part of front-end(priority 1)**
* **Finish all user stories on pivotaltracker**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 3 (09/21)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: Union Court and PERL reserved room

**Participants:** Xiang Chen, Yansen Liu, Weicheng Yu, Dawei Li, Yunhao Wu, Chen Shou, Lu Min

**Minutes taker:** Lu Min

**Timekeeper:** Chen Shou

**Purpose:** Prepare for Iteration 0 presentation and schedule following works

**Agenda:**

1. Prepare for Iteration 0 presentation
2. Brainstorm project ideas
3. Discuss basic functions
4. Discover useful tools
5. Assign works
6. Determine meeting time
7. Learn and update Github

**Discussions:**

* Prepare for iteration 0 presentation
  + Perform presentation
  + Group members give advice based on the presentation
  + Change and improve presentation
* Brainstorm project functions
  + Requirement list for Software Engineering
  + Design for main webpage
    - Different type of users
    - Sort function with different features
    - Pull-down list of task description
    - Finished and deleted tasks
    - Overview of main webpage

* Project title : ProPal
  + Project Vision: 10+ small teams
  + Application purpose: improve the management of agile development of software engineering
  + Similar application analysis
  + Challenge
    - API between different internal components
    - User interface on different devices (Desktop, Mobile, Tablet)
    - Database security
    - Cooperation between different team members
    - Efficient communication between different leadership
    - New skills need to be learned
* Github (DONE)
* Assign works
  + Basic
    - Each leader generate works
  + Design
    - Determine main functions and related details on main webpage
    - Decide functions to finish in each iteration
    - Divide different types of users
  + Requirement
    - Update Pivotal Tracker requirements
  + Database
    - Master tools related to database
    - Learn database infrastructure
    - Database modeling in UML
  + QA
    - Determine different types of testing to implement
    - Discover assistance tools
  + Security
    - Learn encryption algorithm
  + Estimate the time: 8+ hours per person weekly
  + Schedule of iteration : first initial plan + 3 iterations

**Action Items:**

* **Update Github**
* **Monday Meeting 3pm**
  + **PERL Reserved Room**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 2 (09/14)**

**Date and Time:** 3:00 PM to 5:00 PM

**Place**: Union Court and PERL reserved room

**Participants:** Xiang Chen, Yansen Liu, Weicheng Yu, Dawei Li, Yunhao Wu, Chen Shou, Lu Min

**Minutes taker:** Xiang Chen & Dawei Li

**Timekeeper:** Xiang Chen

**Purpose:** Kickoff Meeting and Git Setup

**Agenda:**

1. Set up and confirm leadership roles
2. Brainstorm main functions of project
3. Setup development environment and building tools
4. Brainstorm requirement and user case analysis
5. Risk analysis
6. Determine meeting time
7. Learn and update Github

**Discussions:**

* Brainstorm project functions
  + Requirement list for Software Engineering
  + Decide priority
    - Team building section
    - Automatically alarm
    - Due and priority list
    - Task assignment section
    - Group authority
    - Progress milestone checker
    - Bug report section

* Project title : ProPal
  + Project Vision: 10+ small teams
  + Application purpose: improve the management of agile development of software engineering
  + Similar application analysis
  + Challenge
    - API between different internal components
    - User interface on different devices (Desktop, Mobile, Tablet)
    - Database security
    - Cooperation between different team members
    - Efficient communication between different leadership
    - New skills need to be learned
* Github (DONE)
* Risk Analysis and risk retirement plan
  + Risk analysis
    - User Data Security
    - Unable to implement feature
    - Misunderstanding of customer requirement
    - Data overflow
    - Runtime Overflow
  + Risk retirement plan
    - Use version control tool like Git
    - Design user invitation mechanism
    - Weekly meeting with our customers
  + Estimate the time: 8+ hours per person weekly
  + Schedule of iteration : first initial plan + 3 iterations
  + Quality metrics:
    - Stress test
    - Feedback from our customers
    - Features accomplishment
    - No fatal bugs
    - Meet all the user stories
    - Scalability

**Action Items:**

* **Each person comes up with** 
  + **Two Team names**
  + **Two project names**
  + **Vote on Monday 12:00am**
* **Xiang setup Github project**
  + **Share via email**
* **Setup group Slack**
  + **Dawei**
* **Monday Meeting 3pm**
  + **PERL Reserved Room**

**S673F16 Software Engineering**

**Team 3 Meeting Minutes**

**Week 1 (09/04 - 09/10 )**

**Date and Time:** 9/7/2017 12:20 PM to and 9/11/2017 3:00 PM

**Place**: Union Court and PERL reserved room

**Participants:** Xiang Chen, Yansen Liu, Weicheng Yu, Dawei Li, Yunhao Wu(The second meeting)

**Minutes taker:** Weicheng Yu

**Timekeeper:** Yansen Liu

**Purpose:** Kickoff Meeting and Git Setup

**Agenda:**

1. Brainstorm project idea
2. Determine project name and team name
3. Determine communication method
4. Determine meeting time
5. Learn and test Github

**Discussions:**

* Brainstorm project idea
  + Requirement list for Software Engineering
* Determine project name and team name
  + Team 3?
  + Team Name: BrotherHood
  + ProjectName: ProPal
* Determine communication method
  + Slack
  + Skype
* Determine meeting time
  + Thursday 2:00-4:00
  + Reserved study room in PERL
* Find and discuss related works
  + Find similar tools after meeting
  + Pivotal Tracker
* Git configuration
  + Start a new project
  + Test commit
  + Xiang’s role
  + Solve conflicts when merging different versions
* Discuss risks
  + Could not finish by deadline
    - Internal bugs needed to be fix
  + Dynamic requirement change
    - By our customer
* *Determine an approach/process to use*
  + *agile*
* Assign roles
  + Project/Team leader
    - Dawei Li
  + Backup Leader/ Security Leader
    - Weicheng Yu
  + Design/QA leader
    - Yansen Liu
  + Configuration Leader/ Environment Integration Leader
    - Xiang Chen
  + Requirement Leader
    - Yunhao Wu
  + Implement Leader
    - Dawei Li
* Platform
  + HTML, CSS, Javascript, JQuery, AJAX, PHP, MySQL
  + Web Host: Digital Ocean / google cloud platform
  + Domain: free domain
  + Test environment : MAMP

**Action Items:**

* **Each person comes up with** 
  + **Two Team names**
  + **Two project names**
  + **Vote on Monday 12:00am**
* **Xiang setup Github project**
  + **Share via email**
* **Setup group Slack**
  + **Dawei**
* **Monday Meeting 3pm**
  + **PERL Reserved Room**