

Using the management tool and wiki

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Time Sheets

- You are required to keep a detailed log of the work you have done.
- This is summarised in the time sheets.
- If you use the 'timer tool' to record your work the time sheets are automatically filled in!
- You are expected to average 15 hours a week over the semester.
- Click on the run in background button, to use other features of the tool, whilst running the timer. (remember to go back and stop it when you are done!)

Using the timer tool

1 Job recorder
If you use the view to record your tasks, the time you spend is automatically entered into your timesheet and will under the correct heading: ...

2 Who are you working with?
Mike Holcombe
Daniela Romana
Paul Richmond
Chris Thomson

3 Select the story to which this task relates:
Register: "The system prompts the user for a valid log-in password and if the log-in password is incorrect the user has to log in again. The user can view the registration of tasks."

4 Select your current task:
Write a story card
Description of task:

5 Timer reset and started

6 Description of task:
Write the card

7 Problems you found that need fixing:
Ask the client if we need a password?

Using the time sheet

Time sheet editor

February 2008 (week 7)

Use to move the weeks backwards and forwards.

	Mon 11	Tue 12	Wed 13	Thu 14	Fri 15	Sat 16	Sun 17
Team meeting	0	0	0	0	0	0	0
Lectures	0	0	0	0	0	0	0
Checking the minutes	0	0	0	0	0	0	0
Writing the minutes	0.1	0	0	0	0	0	0
Writing a story card	0	0	0	0	0	0	0
Checking a story card	0	0	0	0	0	0	0
Writing a test	1	0	0	0	0	0	0
Checking a test	0	0	0	0	0	0	0
Writing some code	0	0	0	0	0	0	0
Testing some code	0	0	0	0	0	0	0
Writing documentation	0	0	3	0	0	0	0
Checking documentation	0	0	0	0	0	0	0
Tool configuration	0	0	0	0	0	0	0
Checking tool configuration	0	0	4	0	0	0	0
Editing images	0	0	0	0	0	0	0
Checking images	0	0	0	0	0	0	0
Write XML	0	0	0	0	0	0	0
Check XML	0	0	0	0	0	0	0

The things you can do

You can use fractions, 0.1 == 6 minutes

Enter time in hours for each task, as a total for each day.

Click when you are finished!

Requirements Document

- When you collect the story cards initially:
 - do so quickly;
 - mark each as *Mandatory*, *Desirable* or *Optional*;
 - just get a one-line description; and
 - any non-functional requirements.
- Copy each one liner into the requirements document, add the non-functional requirements, a brief introduction and a glossary (of important words) and its done!

Meetings

- Meetings are recorded by creating a diary entry of type meeting and then clicking on the edit minutes button.

Scheduling a meeting

1 Click on the create new diary entry button.

2 Set as a meeting entry

3 Select the people who should attend

4 Click next

5 Set the date and time of the meeting

6 Enter in a brief description of the meeting, And an agenda.

7 Click add!

Entering meeting minutes

1 Click on the meeting to add minutes to

2 Click edit minutes

3 Select a present section and click add

4 Select the items for the fields by clicking on the small black arrows to show a menu.

5 Add some explanatory text, in the free text area

6 Add other sections as required, remember to add some text to explain what you discussed in each case.

Process and Story Cards

- Each function of the proposed system should be described by a story card.
- At the moment most cards will single sentences.
- Only flesh them out when the client selects them in the planning game.
- Once it is fleshed out you are ready to work!

Entering a story card

1 Click "add new" to get a new card, or Select one on the list to edit it.

2 Enter a priority and version (any number you want it's to help you).

3 Enter a description, use the first line for a title.

4 Write some tests, maybe get the client to suggest some typical and extreme cases.

5 Write some non-functional tests, you must be able to measure these!

6 Click close to save, or click "add new" to start on the next card.

The process

- Many of your marks will be assessed by checking your process.
- You need to provide evidence for it by creating a process list for each story.
- You do this on the wiki.
- If you use the story card editor and timer tool on in the management tool, items are added automatically.
- But you can do it manually if you need to as well.
- You must add an entry for each task you do, in particular you should show when you carry out checking tasks, such as testing and debugging.

The process list

Process diagram that you are following This is kind of like a state diagram to show the activities/tasks you have performed.

The story card

The list of tasks

Tests and Testing

- You will be doing a lot of testing as part of XP.
- You need to show us your tests so that we can be sure that you are doing it!
- Partly this will be by inclusion on your task process list.
- But you also need to document the actual tests run.
- Use the wiki for this

Tests on the wiki

Testing - Register User

Automated test script: [phpunit team1/code/tests/registeruser.php](#)

Date	Pass/Fail	Comments
20/01/2008	Fail	Code not yet implemented (PASTE IN OUTPUT HERE)
22/01/2008	Pass	(PASTE IN OUTPUT HERE)

Automated tests, list the location of the file and, paste in the test output (or link to a page with it on).

Manual GUI tests

ID	Do this	Expected result
1	Navigate to page: register.php	Register form displayed
2	Enter email: testuser@frest.com password: password, click register	Login displayed, message: "register successful"

Manual test runs

Date	Pass/Fail	Comments
20/01/2008	Fail ALL	Code not yet implemented
22/01/2008	Pass ALL	

When you run your manual tests you need to record the outcome, list the tests that pass or fail, and comment on why the tests failed if they did.

For manual tests you need to list the tests you will perform, in terms of what you have to do and the expected result. This may come straight from the story card. If so just number the tests there, and provide a link to the card here!