# Week 6

Tasks:
1.preliminary requirement and UI design with a Doc.

# Week 7

Tasks:

    1. design requirement diagrams.

    2. design the ideal UI to display.

    3. make a PPT to show in consultation 1.

Done:
1' preliminary requirement with Doc, but no UI.

# 4.13 Week 8 week before consultation 1

Done:
0' UI design Doc.
1' Usecase, Class, Acvitity, Statemachine, Sequence diagrams finished.
2' UI design graph finished.
3' PPT done.

# 4.20 Week 9 after consultation 1

Tasks:

    1. revise UI timer and step counter and usecase diagram issues raised in consultation 1.

    2. functionality developing.

# 4.27 Week 10

Tasks:

    1. continue functionality developing.

Done:
1' (1) time and step counter;(2) usecase diagram contain only one actor: player.

# 5.4 Week 11 the Week before consultation 2

Tasks:

    1. continue developing to generate a simple UI to display in consultation 2 (Key pointer)

    2. find solution using UPPAL and integrate it in the python code.

Done:

0' Use number 1-9 to express characters and a number matrix to express current checkboard in class diagram design.

1' fundermental functionality finished with a preliminary design, without UI.

## 5.11 Week 12 the week after consultation 2

Tasks:

1. continue UPPAL solution finding.

2. develop for a better UI to replace the current simple UI.

Done:

1' fundermental functionality finished with a simple UI

2' Initial UPPAL solution finding design, but with the problem of too much time consuming.

## 5.18 Week 13

Tasks:

1. validation begins, design the UPPAL for ModelChecking

## 5.25 Week 14

Tasks:

1. Tracing back the requirement in the UI display.

2. validation realized basically.

Done:

0' Hind functionality supported now. (Now all functionality has been included in our software)

0' UPPAL solution finding issue solved.

1' UPPAL ModelChecking design implemented.

2' Picuture of tiles used in UI development.

## 5.25 Week 15

Done:

1' requirement UI updated

2' unit test finished; integration test finished on moust functions.

NextWeek: All test work should be done. The Document should be done.

## Week 16

6.2 testing done.

6.4 ModelChecking and RiskManagement doc finished; requirement doc finished

6.4 Specification doc finished.

6.5 user manual finished.