# FURPS

### Functionality

The system must …

### Usability

The system should be …

### Reliability

The system should be …

### Performance

The system should be …

### Supportability

The system should be …

# User Case

Title:

Actor:

Scenario:

# User Stories

As a/an …. I want to …. so that….

# Identify Objects

Identify the nouns. These may become the objects or attributes you will require.

# Identify Verbs

Identify the nouns. These may become the methods you will require.

# UML Diagram

Create your UML diagram. This will be based on the process so far and your common sense. I recommend you talk your game through with someone to see if there are any issues or if you missed anything.

# Pseudo Code

Go through each class and method and write a simple explanation of what is going to happen. You can keep this general, you don’t have to go into as much detail as you have in the past.

# Stories

What are the stories (tasks) you need to complete to finish the assessment? Be as detailed as possible.

# Sprint 1

## Planning

Which tasks are you planning to do during this sprint?

What will the “shippable” / “testable” product look like at the end of the sprint?

What resources (hardware, software, knowledge, help etc) do you need to make this sprint successful? Where can you get these resources?

## Sprint Review (Looking at the work you produced)

Did you finish all the tasks you planned for? If not, why?

Regardless of what tasks you completed. Does your “shippable” / “testable” product look like what you planned?

Are you happy with the standard of the “shippable” / “testable” product you produced? Why / Why not?

Did you need any extra resources to finish the planned tasks?

Did you do any extra tasks that you did not plan for?

## Sprint Retrospective (Looking at the way you worked)

Was this a successful sprint? Did you work well?

What will you do differently during the next sprint?

Were you happy with the points you assigned each task? Do you need to make some changes? What?

What changes do you need to make in order to make the next sprint more successful?

## Testing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of test (expected / boundary / invalid)** | **What am I testing? What am I expecting to see?** | **Actual result.** | **Fix** | **Evidence** |
|  |  |  |  |  |
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# Sprint 2

## Planning

Which tasks are you planning to do during this sprint?

What will the “shippable” / “testable” product look like at the end of the sprint?

What resources (hardware, software, knowledge, help etc) do you need to make this sprint successful? Where can you get these resources?

## Sprint Review (Looking at the work you produced)

Did you finish all the tasks you planned for? If not, why?

Regardless of what tasks you completed. Does your “shippable” / “testable” product look like what you planned?

Are you happy with the standard of the “shippable” / “testable” product you produced? Why / Why not?

Did you need any extra resources to finish the planned tasks?

Did you do any extra tasks that you did not plan for?

## Sprint Retrospective (Looking at the way you worked)

Was this a successful sprint? Did you work well?

What will you do differently during the next sprint?

Were you happy with the points you assigned each task? Do you need to make some changes? What?

What changes do you need to make in order to make the next sprint more successful?

## Testing

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# Sprint 3 / Final Sprint

## Planning

Which tasks are you planning to do during this sprint?

What will the “shippable” / “testable” product look like at the end of the sprint?

What resources (hardware, software, knowledge, help etc) do you need to make this sprint successful? Where can you get these resources?

## Sprint Review (Looking at the work you produced)

Did you finish all the tasks you planned for? If not, why?

Regardless of what tasks you completed. Does your “shippable” / “testable” product look like what you planned?

Are you happy with the standard of the “shippable” / “testable” product you produced? Why / Why not?

Did you need any extra resources to finish the planned tasks?

Did you do any extra tasks that you did not plan for?

## Sprint Retrospective (Looking at the way you worked)

Was this a successful sprint? Did you work well?

What will you do differently during the next sprint?

Were you happy with the points you assigned each task? Do you need to make some changes? What?

What changes do you need to make in order to make the next sprint more successful?

## Testing

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| --- | --- | --- | --- | --- |
| **Type of test (expected / boundary / invalid)** | **What am I testing? What am I expecting to see?** | **Actual result.** | **Fix** | **Evidence** |
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