**Web PROJECT DUE DATE: Thursday Midnight, Week 10**

# **Development Sprint 1: coding & testing your MVP**

## *As a work team*

1. Build your MVP. (Front End Dev to co-ordinate)

2. User test your MVP using Guerrilla Usability testing. (UX Lead to Co-ordinate)

1. Content Strategist to co-ordinate documents uploaded into Learnline for submission
2. IXD to co-ordinate submission aspects of GitHub

Specific details for how teams are to do this are outlined below.

**Co-ordination means – organise the team to complete the task – NOT DO IT YOURSELF (unless you are a team of one)**

1. **Responsibilities (Content Strategist)**

Outline who is doing what in detail to show how the team is managing this sprint’s work.

* Create a document ‘Development Responsibilities’ and ensure your names, team name & roles are included
* Outline who is co-ordinating what and how the team is contributing to each task.This information should match with the instructions below
* Create a folder in your Google Team site called Development Sprint 1. Inside should be your *Development Responsibility* document and two further folders: MVP decisions; and Guerrilla Testing

1. **Code your MVP**

Build your MVP (Front End Dev to co-ordinate)

Preparation

* + 1. From feedback on your paper prototype MVP, team decides what changes need to be made and what you need to keep
    2. Document the changes and diagram your new MVP
    3. Record all decisions in the relevant folder (see above) in your Team Google Drive

Development

1. Code the MVP and regularly commit your work to your Team Git repository with **meaningful commit messages**
2. Setup the directory structure
3. Create a templates directory
4. Create a navigation template called nav.html
5. Create a navigation style called nav.css
6. Build the navigation for the site and implement core information and interaction flows (using content from your mini-site if you wish)
7. Commit this to your team github account for your project (IXD to co-ordinate)
8. Each team member must commit something to get a team mark!
9. **User test your MVP using Guerrilla usability testing.**

Prepare your test:

* + 1. Use the resources from Week 8 to decide what are you trying to find about your MVP
    2. Write a test plan: decide where you will test, how many people, how will you find these people, what scenarios/tasks will you ask them to do etc (Every team member has to do at least ONE test)
    3. Carefully research how to approach people appropriately for Guerrilla tests (where possible use people you know rather than complete strangers)
    4. Your test plan is assessable & should answer all the questions listed above

Conduct your test:

1. Work in pairs or threes depending on your team logistics: each person needs to complete one test; use the think aloud protocol; capture images of the testing (no faces of participants please); try to capture insights during the test (have recording sheets prepared)
2. Students working in a team of 1 need to do two tests.
3. Your individual test notes are assessable

Analyse the data: as a team

1. Use resources from Week 8 to find methods for analysing your data
2. Record the analysis: photos/diagrams etc
3. Identify issues & decide what needs to be addressed & why
4. Your analysis documents (evidence & summary) are assessable
5. Create recommendations/solutions: as a team
6. Identify solutions to the issues addressed
7. Each team member needs to create one solution for team consideration (draw a diagram here)
8. Your summary of recommendations & solutions developed with evidence are assessable

## *Submission*

1. MVP

Submit

* 1. In Team Google Drive: Paper prototype feedback and final MVP
  2. In a Team GitHub repository created for this sprint: your code (All team members must commit code if they want marks)
  3. In Learnline Discussion Forum Development Sprint 1, links to Google drive, Github and GitHub pages

1. Guerrilla Usability testing

Submit

* 1. In Team Google Drive: the following:
     1. Test plan
     2. Test results & Photos from each test
     3. Analysis data
     4. Recommendation and solutions data
  2. All team members must submit documents if they want marks
  3. In Learnline Discussion Forum Development Sprint 1, links to Google drive

## *Criteria*

1. MVP

|  |  |
| --- | --- |
| **Individual: (30)** | **Group (40)** |
| Code Contributions (5)  HTML and CSS follow best practices (15)  Originality/ JS (10) | MVP Explanation & Plan (10)  MVP Implementation (25)  Originality (5) |

1. Guerrilla Testing

|  |  |
| --- | --- |
| **Individual: (30)** | **Group (50)** |
| Test notes (10)  Test insights (10)  Solutions/recommendations (10) | Responsibilities Requirements (10)  Test Plan (10)  Test Analysis (10)  Test Recommendations (15)  Originality (5) |