# Web Development Processes

## Milestone 1: Competitor Benchmarking (week 7)

Our web development process was broken down into four weekly milestones.

For milestone 1, we looked at competitor websites and compared their

* Information layout
* navigation
* accessibility
* Overall usability

Positives we observed :

* Pages had a mobile first / responsive design
* Pages had easily discoverable information

A few weaknesses we observed were:

* Navigation difficulties
* Pages not functioning without JavaScript

## Milestone 2: User Analysis (week 8)

Next, we developed personas for our target users. One of these personas had physical limitations, so we had to design our site with accessibility in mind.

## Milestone 3: Design Description Documents (week 9)

Milestone 3 we designed our prototypes.

Similar content was grouped together to form a concept map, with an overall goal of converting visitors to sign-up on our form.

We designed a site map based on similar content and turned paper navigational prototypes into a website navigational prototype.

## Milestone 4: Usability Tests

Our next phase was user testing, and based on this feedback, we updated our prototypes to accommodate our users’ suggestions.

Content was refined and laid out as per our prototypes.

Feature enhancement such as photo slideshows, form validation and the required testing followed.

The last stage was to review and refine our site. We performed another round of user testing and finalized our content and layout.

# Team Processes

We used a cut-down Agile approach, meeting online via skype at the start of the week to design our mini-sprint, then meeting again to coordinate and submit our work.

We managed our project with GitHub, using issues to assign tasks, and the project agile board to group our issues into Milestones. We used comments for our issues to notify each other of our progress.