# CP5638 Group Website Project

## Overview

In the project, CP5638 students will work together as part of a team to create a website doing the planning, design, production, usability testing and publishing, using HTML, CSS and JavaScript. The project will require research, self-directed learning, teamwork and consultation with your lecturer.

The project is to (re)develop a site for the **Townsville Community Music Centre (TCMC**).   
You will be provided with some content and a reasonable idea of mission and target audience.

**Important:** The old (existing) TCMC site (<http://townsvillemusic.org.au>) should give you an idea of content but **NOT** design or information architecture. Plan and design the site mostly as if the old site did not exist. If it were good and appropriate the way it is now, we wouldn’t be making a new site.

You have two separate milestones as part of this one project. These are summarised here with further details below:

**Milestone 1 - Project Plan & Design Comps (10%, due week 7)**

Create a **project plan** (including goal and audience analysis, flowchart, text, images and screen designs), which your group will continue developing to make the finished site.

**Milestone 2 - Finished Product (25%, due week 10)**

This is the full, finished product website, the result of your team going through the complete website design and development process. Use the **project plan** to develop a functional, finished site. Your site should be “completed” by week 10, so that it is ready for usability testing. Assessment of this milestone is for both completeness and quality.

Please take note each group will do a 30 mins **presentation** on **week 10 on 25th Jan 2018 from 10am – 1pm Room C2-04**. More detail will be provided on the format in week 9.

## Finished site components at a minimum are:

**Important:** The requirements here are not specified as pages, but as features or functionality.   
The information architecture is up to you to decide and the page/feature titles (e.g. “bulletin board”) are also able to be changed. E.g. the old site has a separate sponsors page, but you might like to combine this with the contact or about us page, or whatever you think is best as a result of careful consideration in your planning.

**Home Page** with content written to rank well on search engines (including meta data)

**Artists (Musicians)**:

* display all artists (list) - short information text and a small image
* featured artist (highlighted appropriately)
* clicking on an artist should load another page to display more detail and a larger image

**Events:**

* display all events (list), sorted by date (soonest first)
* events featuring a registered artist should link to that artist’s page

**Bulletin Board:**

* each notice should have an expiry date and may have an external link

**Membership Registration:**

* this should describe registration and membership benefits and allow users to sign up online using details from the Word doc form on the old site, but handled all online
* users should use their email as login and create a password
* you do not need to handle any payments for membership, but can simply link to PayPal as on the old site.
* your registration page does not need to work, but should display properly and be set up so that it could be made to work easily in the future (e.g. name your fields properly)

**One “Feeder” Page** - this is a content page designed to capture users looking for something related (music) and feed them back into the site.

Plus: **contact information, sponsor details and information about the organisation**

## Teamwork Process

As this subject is run in external mode, all of your collaboration will be online. Use Facebook, LearnJCU, email, Skype, etc. to get to know one other and discuss the plans for the teamwork and development of the website.

Your group should organise to meet online with the lecturer to get feedback on your teamwork and site development.

In week 10 you should follow a prescribed usability testing process involving realistic users, whom you will need to organise for a live testing session. You will then update and improve the site based on the results of this testing.

### Version Control

Use GitHub ([**https://github.com**](https://github.com)) for version control and collaboration. **One person** should set up one repository (repo) and add all of the members of the team as collaborators. Then as you work on the project together you can work on current files, making commits with clear messages so that the team can keep track of who is doing what work, and you have a history of versions to help manage the process. Use issues and other features of GitHub as you wish.

Team Assessment

You need to share the workload as equally as possible. It is important to talk about how best to distribute the tasks, and to keep working consistently in an equitable manner. Teams will need to submit a written peer assessment (**PeerAssementForm.xls**) describing the breakdown of work, in order to handle any cases of inequity. The peer assessment will include listing what each member of the team did and rating their teamwork contributions.

Students who “**freeload**” by letting the other student do an unfair portion of the work will have their marks reduced. Likewise, students who do not manage the teamwork aspects effectively (e.g. are unnecessarily difficult to work with) will have their marks reduced even if they do a lot of work.

If there are problems in your group, please discuss this with the lecturer early on. Do not wait until the project is finished to deal with any issues. Be nice. Play fair. Work hard. Work together. Communicate well.

## Milestone Details

**Milestone 1 – Project Plan & Design Comps – 10%**

**Due: Week 7**

This milestone is the initial planning (similar to assignment 1) and early stages of the design and development of the site.

### Plan:

Complete the **project-plan.html** file with clear details, as follows:

**Mission/Goal Statement**

Concisely state what the goal (purpose) of the website is. Note that the mission must be to improve something in a measurable way. Why is the site needed? How does it benefit the client? Be clear and specific. Good mission statements are usually only a few sentences and contain no unnecessary information.

**Success Evaluation**

Describe the process(es) by which the site's success will be evaluated. How do you know that the site does what the client wanted? Measure the mission you stated above.

**Target Audience**

Describe two things clearly and specifically:

1. the target audience that your site is intended for (be specific; you can't aim for everyone)
2. how you will intentionally design the site to cater to this group (as distinct from another, different target audience).

**Content**

This section should contain a dot-point list of the pages you intend to make and the content to go on each of those pages. Use a table or nested list or something clear. Create the flowchart from this.

**Site Flowchart**

Create a site flowchart to show the hierarchy of pages in the site and their relationships.   
Each page should be represented by one box. The order of boxes is the order these links should appear on the site.

If you don't have a preferred drawing program for flowcharts, use [www.draw.io](http://www.draw.io).

Save your flowchart as a PNG file (normally the best file format for plain, straight-lined diagrams like this) and insert the image in your plan file under this heading.

**GitHub Repository Link**

### Design Comps:

By this stage, you must have completed design comps (comp = comprehensive master, a good mock-up of a page that clearly shows the intended design) for three “levels” or styles of pages, and developed at least one page using HTML and CSS.

You may create your comps either as images (using Photoshop or something) or as HTML pages.

**Comps required:**

* Home page
* Text-based page designed for reading, not scanning (like About Us or something - depends on your plan and what pages you have)
* Artists page (list of artists)

**Developed page:**

* Single artist detail page

Your page and designs should be completed as much as possible (no place-holder text or images), but you can modify your work for the final submission. So they should be mostly complete, but do not need to be perfect. An important goal of this milestone is to give your group something to talk about with each other and your lecturer to improve on for the final site.

**Submission**

1. Upload your work to a folder called **m1** in your group’s space on ditwebtsv: **http://ditwebcns.jcu.edu.au/~tcmc/m1**Do NOT include an index.html file. This means that viewing this site should show a list of files including your plan and comps. Name your files appropriately.
2. Upload a zip file containing all of the files for this milestone to LearnJCU.

**Marking**

The marking rubric for **Miletsone-1** is as shown in the course outline which you can get a copy from the LearnJCU.

**Milestone 2 – Finished Site –25%**

**Due: Week 10**

This is the finished product website, the result of your team going through the complete design and development process. Assessment of this milestone is for both completeness and quality.

Complete the provided report file called **project-report.html**, which must contain brief dot-point details for:

* a link to the GitHub repo where you stored and collaborated on this project - this allows the lecturer to view the progress/history of your development work and see who made which commits at what times
* the work that you have completed and any details required to test the site, including usernames, passwords, instructions if needed, outstanding issues
* references for any code, images or content that you have used that is not your own
* PMI - your group should spend some time reflecting on the process and describe here the **P**luses, **M**inuses and **I**nteresting aspects of your teamwork process and result

Please note that it is acceptable to find and use code for parts of your site. You must write the core functionality yourself. You cannot use any existing content management systems or existing templates. The work you submit must be substantially your own, but using existing libraries to achieve parts of it is actually good practice and is recommended. In particular, you are welcome to use existing JavaScript libraries and example code for adding interest and functionality.

Please ask on the LearnJCU discussion board or Facebook group if you are unsure about what is considered acceptable. You must reference any code that you use that you did not create in your **project-report.html** file.

**Submission**

1. Upload your site to the **public\_html** folder for your group: **http://ditwebtsv.jcu.edu.au/~tcmc**
2. Upload a zip file containing all of the files for this milestone to LearnJCU.
3. Group will do a 30 mins **presentation** on **week 10 on 25th Jan 2018 from 10am – 1pm Room C2-04**. More detail will be provided on the format in week 9.

**Marking**

The marking rubric for **Miletsone-2** is as shown in the course outline which you can get a copy from the LearnJCU.