2017 version

Test procedure

You have three applications to test in this session. All three are bundled into a single compressed tar archive named `<your-usercode>.tar.gz` in the directory `/netfs/cdb/seng365`.

Getting ready

1. Copy the tar archive identified by your usercode to the current directory on your workstation:
   `cp /netfs/cdb/seng365/<your-usercode>.tar.gz .`
2. Extract the tar archive to your current directory:
   `tar xzf <your-usercode>.tar.gz`

You should now see three files, each named `assignment-<id>.zip,` where `<id>` is a unique identifier for each application.

Test procedure for each application

1. On **the test sheet**:
   1. Write the application's identifier in the box "application-under-test". The identifier is the `<id>` in `assignment-<id>.zip`
   2. Write your usercode in the adjacent box

2. In a terminal window at the directory containing the `assignment-<id>.zip` files:
   1. Unzip the zip file: `unzip assignment-<id>.zip -d test-<id>`
   2. `cd test-<id>`
   3. If that directory does not contain the application's `package.json` file, `cd` to the subdirectory that does
   4. `npm install` (this might take some minutes)
   5. `npm run dev` (if Chromium opens, minimise it)

3. Open **Firefox**, enter url: `http://localhost:8080`
4. Follow the attached test script step-by-step, placing a tick in the "pass" column if a test is as expected, and a cross in the "fail" column if it does not.
5. Count up the passes and fails as you finish each section and write the totals into the "Totals" boxes.
6. Use the comments fields for any additional observations.
7. Finally, circle your overall assessment of the system in the two remaining areas:
   - Overall functionality and ease-of-use (from your experience while testing)
   - Visual appeal and general creativity.

Note the preconditions for each test (such as being logged-in).

Do not use any browser controls (e.g., back button, page refresh) while testing.

If something doesn't work as expected, keep calm and carry on.

Application-under-test:	Your \<usercode\>:

1. Can the application be run?

	YES	NO

2. Project views

Precondition: not logged in, viewing a list of sample projects (you might need to navigate to get to this point)

Steps	Expected	Pass	Fail
1. Page or scroll to see all the sample projects	Should be able to see at least 12 projects (perhaps after scrolling or paging)		
2. Find a search box, and search for `farm`	Two projects: `Let's Raise the Roof (Farm)!` and `The Farmery` should be shown in the project view		
3. Select project `The Farmery` for detailed view	Extra information for project should be shown including rewards, progress towards goal, backers and pledges		
	Totals		

Comments

3. Login and Registration

Precondition: not logged in, viewing some set of projects

Steps	Expected	Pass	Fail
1. Look for register link	Either a register link on a login page or a link on the project view page		Skip to Test 4, login as `benjamison` with password `benjamison`
2. Click on register	Should see a registration form containing fields for username, email address, password (all required), and location (optional)		
3. Register new user \<usercode\>, email \<usercode\>, password \<usercode\>	Registration should fail with error similar to 'not an email address'		Skip to Test 4, login as `benjamison` with password `benjamison`
4. Re-attempt registration but with email \<usercode\>@uc.ac.nz	Registration should be successful		Skip to Test 4, login as `benjamison` with password `benjamison`
	Totals		

Comments

4. Pledging to a Project

Precondition: `<usercode>` is logged in, viewing all projects

Steps	Expected	Pass	Fail
1. Find a project without any existing pledges	Should be intuitive		Skip to section 5
2. Make *non-anonymous* pledge of $200 to that project	Pledge should be successful		
3. Make *anonymous* pledge of $150 the same project	Pledge should be successful		
4. Make *anonymous* pledge of $75 again to the same project	Pledge should be successful		
5. View only the projects *backed* by the logged-in user (`<usercode>`)	Should be intuitive		Skip to section 5
	Should see one project (the one you just backed)		
6. Go to project view of the project you backed	Progress should total $425 and there should be two backers (in order): `anonymous` for $225 and `<usercode>` for $200		
	Totals		
Comments			

5. Project Creation

Precondition: `<usercode>` is logged in, viewing all projects

Steps	Expected	Pass	Fail
1. Look for create new project link on page	New project or similar should be obvious on page		Skip to section 6
2. Click on create new project	Form or forms to capture Title, Subtitle, Description, Funding Target, and optionally Rewards, other Creators, and an Image		
3. Create new project with title `<usercode>` [remaining fields set to anything reasonable]	Should be successful		Skip to section 6
	Should see the project you just created as the first project in view followed by sample projects		
4. Discover how to edit a project	Should be intuitive (either right-click, or menu item, or button)		
5. Edit your new project and set project status to 'closed'	Change of status should be successful		Skip to section 6
6. Go to view of all projects	Your new project should not be visible (closed project)		
7. View only the projects *created* by the logged-in user (`<usercode>`)	Should be intuitive		Skip to section 6
	Should see one project (the one just created)		
	Totals		
Comments			

6. Overall

1. Overall functionality and ease-of-use	Poor 2 3 4 5 6 7 8 9 Excellent
2. Visual appeal and general creativity	Poor 2 3 4 5 6 7 8 9 Excellent