






CAB432 Cloud Computing

Assignment 2 Submission Guide

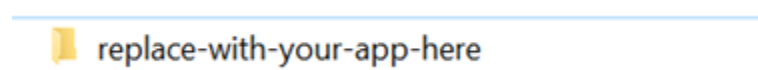
This document presents a short guide to submitting the assignment on BB. The main goal is to ensure that you organise your code and supporting material into a standard directory structure. Please note that there are **no demo videos** required – if you are unable to demo F2F on campus, then you will be able to demo via Zoom.

The Submission






Start by downloading the file `assign.zip` which you will find nearby. This provides a template structure for you to follow. Unzip it, and you will see a structure like this, with some files returning from 2020:

<input type="checkbox"/> Name	Status	Date modified	Type
 replace-with-your-app-here	✓	28/05/2020 10:25 PM	File folder
 demo.txt	↻	26/10/2021 9:40 PM	Text Document
 n1234567.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...
 n2345678.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...
 report.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...

Now, each of these files is a dummy and it is your job to replace them. There are three report files, and they are intended to represent the joint report – `report.pdf` – and the two individual reports – here `n1234567.pdf` and `n2345678.pdf` – which you should replace with your real student numbers. We will work through these items in turn.



















You should **replace** this folder with your app. *Don't* place your app inside this folder, just replace it. When we enter this folder we should see your `package.json` and `app.js` and the subdirectories that make up your application. So, if my application is called `pollockrenderer`, then we should see something like this:

<input type="checkbox"/> Name	Status	Date modified	Type	Size
 pollockrenderer	↻	28/05/2020 10:25 PM	File folder	
 demo.txt	↻	26/10/2021 9:53 PM	Text Document	1 KB
 n1234567.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...	515 KB
 n2345678.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...	515 KB
 report.pdf	✓	9/09/2020 5:34 PM	Adobe Acrobat Docu...	515 KB


[Here `pollockrenderer` is a fictitious cloud application that will take an image and make it look like Blue Poles (https://en.wikipedia.org/wiki/Blue_Poles).]

As in assignment 1, you will commonly see a structure like this within your app:

<input type="checkbox"/> Name	Status	Date modified	Type	Size
 bin		9/09/2020 5:58 PM	File folder	
 node_modules		9/09/2020 6:00 PM	File folder	
 public		9/09/2020 5:58 PM	File folder	
 routes		9/09/2020 5:58 PM	File folder	
 views		9/09/2020 5:58 PM	File folder	
 app.js		9/09/2020 5:58 PM	JavaScript Source File	2 KB
 package.json		9/09/2020 5:58 PM	JSON Source File	1 KB
 package-lock.json		9/09/2020 6:00 PM	JSON Source File	27 KB

Again, your app may look different. But there are two things to note:

- This is the *top directory* of your app, not another empty layer...
- See that `node_modules` directory. **Destroy it please.**
- Just ***don't submit them...***
- This applies doubly for any React apps, the `node_modules` directory is huge.
- As with assignment 1, if there is a React app, please use two separate application directories – one for the server-side express app and the other for the React app.
- And please kill all `node_modules` directories.
- Please see the previous point.

 demo.txt

The file `demo.txt` is a simple text file in which you will tell us when you are intending to demo – as listed in the doodle poll – along with any other info you need to give us. The text is already formatted so that we can parse it if we need to. The text in **bold** is ignored. You edit the lines shown in *italics*. As an example, you might run with something like this:

Demo slot recorded in the doodle poll

Date

November 10

Time - start of Session

3:00PM

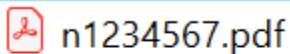
Any other information you want us to know about scheduling your demo.

We cannot demo after 4:30PM on that day.



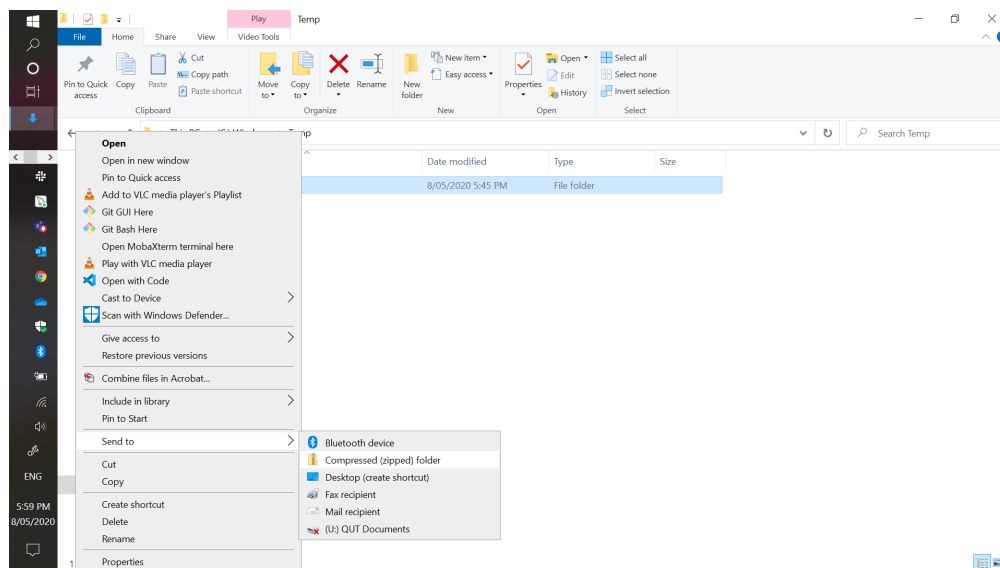
The report document is a dummy version based on the assignment 1 template, clearly labelled as a dummy. Please replace it with your report for assignment 2 based on the assignment 2 template.

It is likely that you will use images in the report that will also be used in the assignment demo presentation, but you do not need to submit that powerpoint or pdf on the due date and it may be edited right up until the presentation itself. I will talk about this separately.

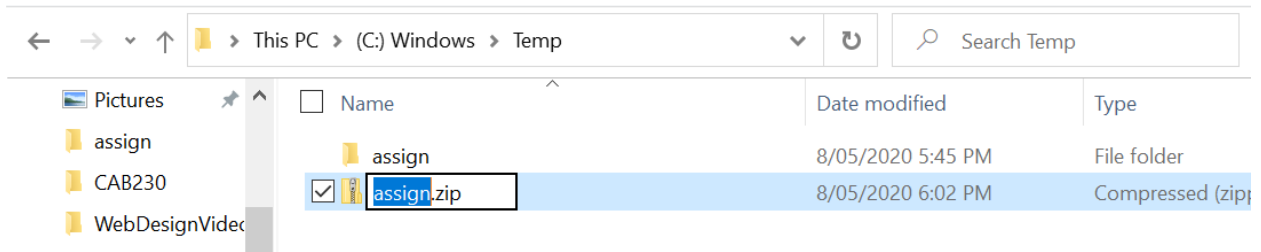


The other report files are just copies of the report.pdf discussed above. Their role is to remind you to replace them with your real individual reports. Now I expect that you will be able to complete these separately and professionally and that you will then happily submit them together. If there are conflicts in the pair, you need to make us aware of these early. In those circumstances we might consider a separate submission, but it makes so much more sense not to do this. Either way, please delete these files and replace them with individual reports or messages with your real student numbers as the filenames.

Once you have performed a final check that you have deleted the `node_modules` – in both application directories if you have them - you should zip up the directory and submit the (now heavily revised) `assign.zip`. The screenshots below are from an earlier unit, but the process is *exactly the same*.



The resulting `assign.zip` file is your submission file, and should be uploaded to BB via the submission link. You are allowed as many attempts as you wish for this assignment.



We will mark the last attempt received and we will ignore all the others.

The deadline for the submission is 11:59PM on Monday November 1 2021. The submission link will remain available until 12:30 AM on Tuesday November 2 in case of congestion on the site. After that time it will disappear. It is your responsibility to ensure that you have a submission successfully in the system before submissions close. Those with official extensions will be allowed to submit some days later from a similar link.

As previously advised, you will be required to demo your assignments and show us that the application scales successfully in response to demand. The doodle poll for assignment demos will be linked from the submission link – as discussed above, please record your preferred demo time and any constraints around the demo in the file `demo.txt` and include it in the submission above.