

SWEN30006 Software Modelling and Design

Project 1: Submission

School of Computing and Information Systems
University of Melbourne
Semester 2, 2021

Part 1 Required Submission Structure

Your submission must follow a very specific structure. This helps us to process your work. Note that none of the folder or file names should contain any spaces. The required structure is as follows (Figure 1 shows these requirements visually):

- The top-level folder needs to be called **Automail**
- Inside this folder should be another folder, **src**
- Inside **src** should be your code, e.g. the subfolders **automail**, **exceptions**, and **simulation** containing Java code; depending on your implementation, you may have different **subfolders**. Include the *source code* and necessary subfolders only. Do not include .class files, repository (.git) files, and so on.
- Inside the **Automail** folder there should be a file called **DesignAnalysis.pdf** which is your design report.
- Inside the **Automail** folder, you may *optionally* include a file called **Output.txt** which is the result of validation using the provided script (see Part 2)

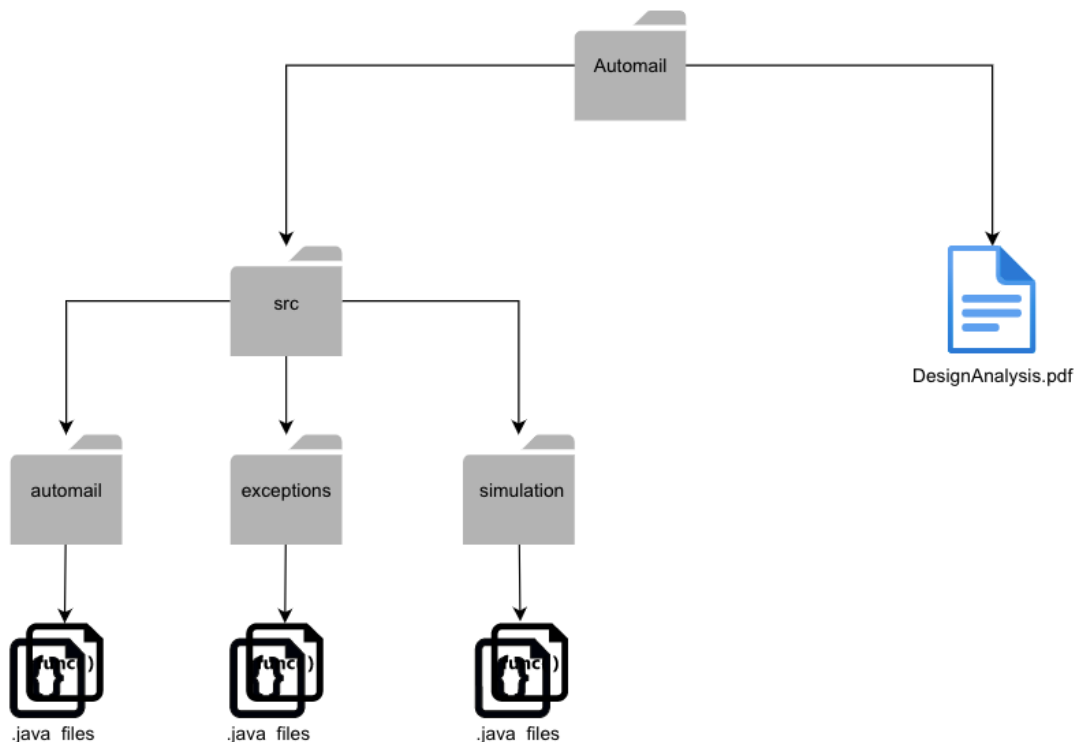


Figure 1: Folder structure required for Project 1 Submission. This structure must be strictly followed.

Part 2 Run Validation Tool

Running the validation script is *optional*, but it reduces the risk that what you submit does not meet the project specification. The script simply checks that we can build and run your code using our script, and that, for one example at least, the behaviour of the original is preserved as required by the specification.

To validate, download **P1Validation.zip** from the LMS. Unzip the archive. Inside should be five files: build.xml, automail.properties, expected.txt, WifiModem.jar, and validate.bat, and a folder named apache-ant-<VersionNumber>.

Now, right click your **Automail** folder, open the 7-Zip sub-menu, and click **Add to "Automail.zip"**. This is shown in Figure 2. Move **Automail.zip** into the unzipped **P1Validation** folder.

You should now have a folder with **Automail.zip**, the **apache-ant** folder, and the five other validation files, similar to Figure 3.

Now double-click on **validate**; this will run the submission validator. (You may have to use the command line if you haven't restarted in a while, and you may need to edit the script if you have an unusual Java configuration).

If your submission was successfully validated, you will see no failure messages in the command prompt. The script will have generated a file called **output.txt**. Before submitting your project, you can copy output.txt into the Automail folder, and re-zip your project. Including this file in your submission shows us that you have validated your work.

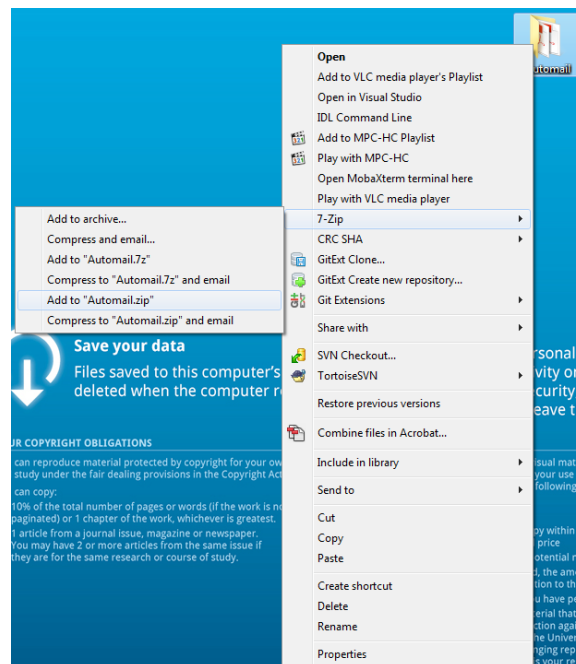


Figure 2: Using 7-Zip to compress the Automail folder

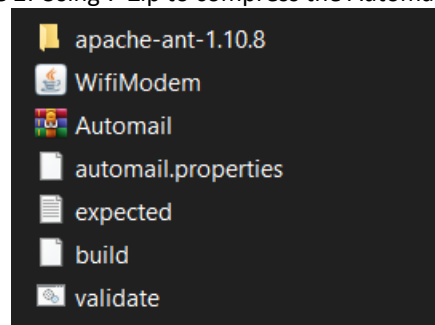


Figure 3: Folder structure after adding the validation files and zipping the project