```
/var/www/vascularmodel/
 ├── dataset/
 │  ├── dataset-abbreviations.csv
 │  ├── dataset-diseaseTree.csv
 │  ├── dataset-svprojects.csv
 │  ├── dataset-svresults.csv
 │  ├── file_sizes.csv
 │  ├── additionaldata.csv
 │  └── file_sizes_additionaldata.csv
 │
 ├── img/
 │  └── vmr-images/
 │     ├── 0001_H_AO_SVD.png
 │     ├── ...
 │     ├── 0220_H_CERE_CA.png
 │     └── model.pvsm
 │
 ├── vmr-clinical_data/
 │  ├── 0001_H_AO_SVD_ClinicalData.csv
 │  ├── ...
 │  ├── 0220_H_CERE_CA_ClinicalData.csv
 │  └── move_clinical_data.py
 │
 ├── vmr-pdfs/
 │  ├── 0001_H_AO_SVD.pdf
 │  ├── ...
 │  ├── 0220_H_CERE_CA.pdf
 │  ├── generate_pdf.py
 │  ├── move_pdf.py
 │  ├── Pa4DMRIData.pdf (additional data model)
 │  └── SVCardiacDemoModel.pdf (additional data model)
 │
 ├── svprojects/
 │  ├── 0001_H_AO_SVD/
 │  ├── 0001_H_AO_SVD.zip
 │  ├── ...
 │  ├── 0220_H_CERE_CA/
 │  ├── 0220_H_CERE_CA.zip
 │  ├── create_all_zips.sh
 │  └── remove_pdf_csv.sh
 │
 ├── svresults/
 │  ├── 0001_H_AO_SVD/
 │  │  ├── 0001_H_AO_SVD_3D_RIGID_VTP.zip
 │  │  └── 0001_H_AO_SVD_3D_RIGID_VTP.zip
 │  ├── ...
 │  ├── 0220_H_CERE_CA/
 │  │  ├── 0220_H_CERE_CA_3D_RIGID_VTP.zip
 │  │  └── 0220_H_CERE_CA_3D_RIGID_VTP.zip
 │  └── create_all_zips.sh
 │
 └── generate_file_sizes.py
```

This is the folder structure that shows up on the server side (on the Tetra server). You make changes, create images, PDFs, csv files on the local end and then upload them to the server side where it is updated online. This specific folder structure is referenced in the HTML code that is used for displaying on the website.

/var/www/vascularmodel

- **generate_file_sizes.py** - python script that will generate all the file sizes for the simulation results and the models. Will update filesizes.csv

dataset

- **dataset-abbreviation.csv** - csv file downloaded from the abbreviations tab of dataset Google Sheets. Includes the abbreviations for all the anatomies and diseases and is used when creating the graphs and figures for the statistics page on the VMR website.
- **dataset-diseaseTree.csv** - csv file downloaded from the diseaseTree tab of dataset Google Sheets. Represents the hierarchy of diseases that is used when displaying the diseases filtering section on the VMR website.
- **dataset-svprojects.csv** - large important csv file that includes all the pertinent information about a model such as age, sex, anatomy, disease, etc. Is used when generating the PDF document for each model and by the website to display the models and all relevant information
- **dataset-svresults.csv** - large important csv file that includes all the pertinent information about a model's simulation results. Is used by the website when displaying the details of the result files.
- **file_sizes.csv** - csv file that contains the size in bytes of the zip files for every model and every simulation result, is used to display file sizes on the VMR website.
- **additionaldata.csv** - a simplified version of dataset-svprojects.csv but for the models that don't quite fit in for the regular repository
- **file_sizes_additionaldata.csv** - the file sizes for the additional data models

img/vmr-image

- **0001_H_AO_SVD_ClinicalData.png … 0220_H_CERE_CA_ClinicalData.png** - the image files of every single model with transparent background and the same texture applied to each model. Is used when displaying the model image on the VMR website and when generating the PDF document for each model.
- **model.pvsm** - the load state file used in Paraview to load the same texture when generating the image for each model.

vmr-clinical_data

- **0001_H_AO_SVD_ClinicalData.csv … 0220_H_CERE_CA_ClinicalData.csv** - csv files that include any clinical data about the patient. Is used when generating the PDF document for each model
- **move_clinical_data.py** - a simple Python script that is run on the server side to move all the clinical data csv files from the vmr-clinical_data directory into their respective model files in the svprojects directory.

vmr-pdfs

- **0001_H_AO_SVD_ClinicalData.pdf … 0220_H_CERE_CA_ClinicalData.pdf** - the PDF documents for each model with every single information about the model. Can be downloaded from the VMR website
- **generate_pdf.py** - the Python script to automatically generate the PDF document with all the details for each model. Requires files from vmr-background, vmr-dataset, vmr-clinical_data, and vmr-images to generate.
- **move_pdf.py** - effectively does the same thing as move_clinical_data.py, but for PDFs. Run on the server side to move all the PDF files from the vmr-pdfs directory to their respective model files in the svprojects directory.
- **Pa4DMRIData.pdf/SVCardiacDemoModel.pdf** - the PDFs for the additional data models

svprojects

- **0001_H_AO_SVD/ … 0220_H_CERE_CA/** - The SimVascular project folders with the PDF, Clinical Data csv file, and LICENCE file
- **0001_H_AO_SVD.zip … 0220_H_CERE_CA.zip** - The zipped file of their respective SimVascular folder, this is what the user ultimately downloads when they download a model
- **create_all_zips.sh** - The bash file to create zip files for all the SimVascular folders that don't already have zip files
- **remove_pdf_csv.sh** - Bash file to delete the pdf and csv files from all the current SimVascular model folders. Is useful when there has been a formatting change with all the pdf/csv files and all the models need to be replaced with a new file

svresults

- **0001_H_AO_SVD/ … 0220_H_CERE_CA/** - name of the model that has simulation results within these folders include the zip files for the .vtp/.vtu results files.
- **create_all_zips.sh** - The bash file to create zip files for all the results files that don't already have zip files, slightly modified from the version in svprojects to account for the slightly different file structure