Orchestration Package

|-----**classes/** – Core code modules for OOP Classes

└── \_\_init\_\_.py

├── Book.py

├── config.py

├── favorites.py

├── Friend.py

├── iDb.py

├── review.py

├── search.py

├── user.py

|-----**kubernetes/** – Configurations which allow deployment of Docker Images to Kubernetes //DRAFT

└── deployment.yml

|-----**tests/** – PyTest Test Cases aligned to OOP Classes

└── \_\_init\_\_.py

├── book\_test.py

├── favorites\_test.py

├── friends\_test.py

├── idb\_test.py

├── reviews\_test.py

├── search\_test.py

├── user\_test.py

|-----**.cfignore** – Excludes files from Cloud Foundry image build

|-----**.dockerignore** – Excludes files from Docker image build

|-----**.gitignore** – Github Configuration files to omit files from Git checkin

|-----**Dockerfile** – Docker Configuration File that enables deployment to Docker image

|-----**hello.py** – MAIN PROGRAM – Flask Application server

|-----**manifest.yml** – Cloud Foundry Manifest to set properties for Cloud Foundry Deployment (currently using IBM Cloud Foundry PaaS)

|-----**Orchestration-Deployment-Package.html**

|-----**Procfile** – Heroku Buildpack declaration to start application server

|-----**README.md** – Deployment Instructions for Cloud Foundry

|-----**README-kubernetes.md** – Deployment Instructions for Kubernetes \\ DRAFT

|-----**requirements.txt** – Python Package requirements/ pre-requisites

|-----**runtime.txt** – Cloud Foundry Configuration to override the environment runtime

|-----**setup.py** – Python package/module Discovery file and package information

|-----**vcap-local-template.json** – Local test sample of Cloud Foundry environment file (VCAP Services) – used for when services (i.e. DB2) are “bound” to the application in the cloud.