WBIT 4790 Weekly Work Log

Week of	Activities	Hrs	
Sun 2/9	Planning: Responded to Professor Canedo's proposal feedback	1.0	
Mon 2/10	Planning: Researched APIs. Reviewed literature on webservices and different types of APIs. Focused on Resful APIs.	2.0	
Tue 2/11	-----	0	
Wed 2/12	Planning: Researched APIs. Reviewed literature on database PHP APIs and a video on how on to create a restful APIs that communicates with a mongoldb. Connolly & Hoar, Fundamentals of Web Development pp 454-455. Video: Creating a MongoDB-Backed RESTFul API With Python and Flask https://www.bing.com/videos/search?q=mongodb+api+python&view=detail&mid=DDE35340A3D5D81A49DBDDE35340A3D5D81A49DB&FORM=VIRE	0	
Thur 2/13	------	0	
Fri 2/14	Planning: Researched APIs	1.0	
Sat 2/15	----	0	
2/16/20	Planning: Researched AWS and Mongodabase https://docs.aws.amazon.com/quickstart/latest/mongodb/overview.html	1.0	
Mon 2/17	-------	0	
Tue 2/18	Planning: Research AWS and Mongodabase continued. https://docs.aws.amazon.com/quickstart/latest/mongodb/overview.html	.30	
Wed 2/19	Planning: Researched Hosting options. "10 tips for hosting a website for free" https://blog.patricktriest.com/host-webapps-free/	1.0	
Thur 2/20	Planning: How to host a website with Heroku. Deploying a flask application with python and Heroku. https://medium.com/the-andela-way/deploying-a-python-flask-app-to-heroku-41250bda27d0	.30	
Fri 2/21	Summitted report 1 and 2.	.15	
Sat 2/22	------		
Sun 2/23	Reviewed and edited Project Plan	.30	
Mon 2/24	Reviewed and edited Project Plan cont.		

Tue 2/25	Reviewed and edited Project Charter		
Wed 2/26	Designed and implemented Project website on my local machine. The project website will serve as a repository for all the project documentations and phases to include project proposal, project charter, weekly log and deliverables for each project phase (i.e., planning, analysis, design, implementation).	2.0	
Thur 2/27	Designed and implemented Project website on my local machine cont.	1.0	
Fri 2/28	-------		
Sat 2/29	-------		
Sun 3/1	-------		

Mon 3/2	Created Demo 1 PowerPoint cont.:
	    -Learned how use animation and record features in PowerPoint
	    -Posted video.
	
	 Converted Demo 1 PowerPoint to a video:
	    -Researched how to convert a PowerPoint Presentation into to a HD video YouTube. https://www.youtube.com/watch?v=D8JV3w4TOVw
	
	 Posted Demo1 to My YouTube page.
		3.0	

Tue 3/3	D2L Discussions:
	    -Responded to Classmate's post about my video not being viewable because it's private.
	
	    -Read Demo 1 posts
		1.0	

Wed 3/4	-------		

Thur 3/5	Revised Demo 1
	    -made demo 1 video unlisted to allow my classmates to view it.
	
	    -downloaded and installed audio editing software (Audacity)
	    -research on to use Audacity software
		3.0	

Fri 3/6	Reviewed project web site design. Added intern CSS file.		

Sat 3/7	Revised Demo 1 to resolve audio issues.
	
	 Setup cloud application development & production environment:
	    -Signed up for free Heroku account at https://signup.heroku.com/ 12:30 am-1:00 pm.
	
	    -Researched how to host web application on Heroku https://www.freecodecamp.org/news/how-to-host-lightweight-apps-for-free-a29773e5f39e/ 2:30 pm-3:30 pm.
		3.0	

Sun 3/8	Viewed approximately 24 Demo 1 messages and replied to several Demo 1 discussion posts in D2L (Desire to Learn). 6:00 am 7:00 am
	
	Reviewed GitHub workflow and common commands (git commit, git push, git pull) 8:30 am to 9:00 am.
	
	Downloaded Git and VS Code on my local machine in order to create and manage local repository:
	    - https://www.bing.com/videos/search?q=how+to+use+github&ru=%2fvideos%2fsearch%3fq%3dhow%2bto%2buse%2bgithub%26FORM%3dHDRSC3&view=detail&mid=FC6EC36264374CB6F543FC6EC36264374CB6F543&rvsmid=16B3E2C10A40AE3CC04716B3E2C10A40AE3CC047&FORM=VDRVRV
	
	    -VS Code download for Windows: https://code.visualstudio.com/docs?dv=win
	
	    -Git download for Windows: https://git-scm.com/download/win
	
	    -Created Local repository "ConfigMngtWebApp" on my local machine
	
	    -Pushed Local repository "ConfigMngtWebApp" to remote repository"ConfigMngtWebApp" on GitHub. The "ConfigMngWebApp" repository contains files for the project website and web application.
	
	Replied to all emails in D2L.
	
	Submitted 3/8 Weekly report on time.
		4.0	

Mon 3/9	Continue to setup cloud application development & production environment.
	    -Watch video on how to deploy application in Heroku "Heroku Tutorial for Beginners-Deplo your App…"
	https://www.youtube.com/results?search_query=getting+started+with+heroku+
	
	    -Reviewed documentation on Heroku Architecture
	https://devcenter.heroku.com/articles/how-heroku-works
	
	    -Created project in Heroku (config-mngt-project-website).
	    -Selected GitHub as deployment method
	    -Linked Heroku application to my GitHub repository.
		2.0	

Tues 3/10	Reviewed documentation Heroku Architecture cont.	2.0	
Wed 3/11	-Reviewed documentation Heroku Architecture cont. -Reviewed documentation on how to create a project in Heroku. https://devcenter.heroku.com/articles/getting-started-with-python?singlepage=true	2.0	

Thur 3/12	-Reviewed documentation on how to create a project in Heroku cont.	1.0	
Fri 3/13	--------		
Sat 3/14	---------		
Sun 3/15	-Read two Demo posts -Read Dean's email -updated (config-mngt-project-website) on local repository: loaded project proposal and weekly reports_15march -Submitted Weekly Report	1.30	
Mon 3/16	Scheduled tasks for upcoming weeks: - Complete setup of cloud application development & production environment. -Continue to get familiar with GitHub and Heroku -Create branch in GitHub for project website -Create GitHub repository for Python Web App	3.0	
Tue 3/17	- Performed Python Getting Started tutorial to reinforce Heroku concepts.	1.0	
Wed 3/18	- Complete updates to project documents	1.0	
Thur 3/19	-------		
Fri 3/20	------		
Sat 3/21	------		
Sun 3/22	-------		
Mon 3/23	-Completed Skill port refresher training on GIT "Introducing GIT by Jamie Campbell" -Learned how to check status of files in a GIT repository by using the "git status" command. -Learned descriptions of different types of files in GIT: • Untracked- GIT doesn't know about file.	4.15	

	• Unmodified- GIT knows about file, but it has not changed. • Modified- GIT knows about file, and it has changed. Change is not staged for commit. • Staged- The file is ready to commit. -Retrieved status of files in local repository: configMntWebApp (master) -Added index.html, PC.html, PP.html, PPlan.html, and WR.html files to staging area. -Committed files with "commit -m" command. -Verified commit with "git log" command. -Updated GitHub remote repo with "git push origin master" command. -Received following error when trying to update github remote from loacal machine repository with the "git origin master" command: Ralph49@PC-His-Ralph MINGW64 ~/desktop/4030 Senior Project/WBIT4030_Project Website/ConfigMngtWebApp (master) $ git push origin master To https://github.com/ra00904/ConfigMngtWebApp.git ! [rejected] master -> master (fetch first) error: failed to push some refs to 'https://github.com/ra00904/ConfigMngtWebApp.git' hint: Updates were rejected because the remote contains work that you do hint: not have locally. This is usually caused by another repository pushing hint: to the same ref. You may want to first integrate the remote changes hint: (e.g., 'git pull ...') before pushing again. hint: See the 'Note about fast-forwards' in 'git push --help' for details.		
Tue 3/24	-Researched solution to "git push origin master" error	.30	
Wed 3/25	Started working on demo 2 update	1.00	
Thur 3/26	Continued to work on demo 2 update	1.00	
Fri 3/27	Continued to work on demo 2 update	1.00	
Sat 3/28	-Successfully executed "git pull origin master" command to update local machine repository with changes made in remote (GitHub) repository. -Updated ConfigMngtWebApp remote (GitHub) repository changes with latest changes from local machine repository -Read and viewed three "unread Demo 1 posts/videos. -updated project website with week 7 report.	3.00	

Sun 3/29			
Mon 3/30			
Tue 3/31			
Wed 4/1			
Thur 4/2			
Fri 4/3			
Sat 4/4			
Sun 4/5			
Mon 4/6			
Tues 4/7			
Wed 4/8	Installed Flask web framework		
Thurs 4/9			
Fri 4/10			
Sat 4/11	Meeting with Professor Canedo. Discuss project details and how to use GIT to upload project files to GitHub		

Sun 4/19	Meeting with Professor Canedo. Discuss project details changing functional requirements. • Delete registration requirement • Delete Data base requirement • Hardcode username and password for login • Hardcode key value pairs for asset data.		
Thurs 4/30	Submit final demo and project.		