	Software Perelopment Life Cycle (SDLC) Date No.
,	Verification Phase Support Testing Validation Phase
	Requirements Analysis < July Testing System Test
	Software Architecture a Integration Testing Integration Testing
	Software Development < Software Unit Testing Unit Testing
	Software Code
	107 (00 14 15
	Requirements Analysis AlOT Coffee Maker
	Describe high level features - Black Coffee
	Calle
	Software Architecture - Cappuccino
6	How the software should be layered & structured Black Coffee > black coffee py
	software unit > 1 source calle file latte > latte - latte - py
	software unit > 1 source cale file latte > latte - latte - py Cappucino - captucino - ca
	Software Development
	Implementation of Software Code
	Implementation to follow Software Architecture structure
	and the second of the second o
	Software Unit testing pytest
	Software Unit testing pytest Test to ensure correct implementation
	Integration testing
	Test several software units to see if they work together
	SDLC can be more officient -> Agile Software Development & Waterfall Development
	Noterfall Development: Requirements > Analysis > Design > Code > Test > Maintenance Project tasks pre-planned like in gantt chart Waterfall assumes stable project requirements > Difficult to adapt when changes
	Project tasks one-planned like in agant chart
	Waterfall assumes stable project requirements > Difficult to adapt when changes
	the same and the same and the same and
	Agile Software Development - Scrum sprint amaster Daily sorum
	(Event) wanted
	Stake holders, customers, users NA A team
	I froduct owner (15 print review
	Product Backley Sprint Planning Sprint Backley Finished work
	Meeting (Ctask breakout). Sprint retrospection
	A.ZONE

	Scrum Master Sprint Planning Sprint Review Demo
	Helps team understand the scrum method Sprint n
	Daily Stand up
	Product owner
	Plan Viser Stories for each sprint based on Priority and team capacity
	Stand up meetings - 15 mins daily
	3 questions shared by each scrum member
	- What did I work on yesterday?
4	- What am I planning on working on tommorrow?
	- Vo I have any impediments that is blocking me?
4	Upportunity for scrum team members to understand if anyone needs additional
-	support and discuss how best the team can help each the other.
-	the man and a street
	Sprint Planning
	Product owner define priority of User stories in Backlag
-	Scrum team estimates complexity of each User story
	Product owner define priority of User stories in Backlog Scrum team estimates complexity of each User story Final list of User stories to be decided to assignment of user stories to each member
	Control of the second of the s
-	Sprint Review / Demo
	Review and reflect on recently completed sprint - any improvements? Is Ver Story completed based of Ver "definition of done"?
	15 user story completes based of user destalland of the
	Tica tool - Used by soon than to downward on all year staying
	Jira tool - Used by scrum team to show progress on all user stories creater Francisco, consigure
	Create - Implement code
1	Plan - Sprint planning
	Verify - Unit tests, Integration tests
1	Package - Containense software Configuration Management System
	Release - Create git tag for Software Man Releases eg Github
	Configure - Configuration Management
	Monitor - Monitor test results, app performance, etc Continuous Integration (CI) - Auto. cont. build, compile, and test the latest code pushed into a CIM
	(continuous Integration (CI) - Auto. Cont. bull, compile, and test the latest code pushed into a CIVI

by cd "path" -> to specified path to not directory git init -> init git repos in current directory git status -> shows staged, unstaged and untracked files git add * -> adds all new or changed files to stage, for specific replace with "stiles" git commit -m "desc" -> records changes in staging area to repos git and diff -> shows differences between working dir and stage area git branch "branchname" -> create branch with name git checkort "branch name" -> switches to specified branch git merge "branch name" -> merge specified branch into current branch git remote -V -> displays current remote repos URL git remote add origin ¿github link> > adds new remote repos under URL git push -- set-upstream origin master -> set default push to origin URL git push - u origin -> push changes to origin VRL git tag -a V<no.> -m "dex" -> create tag V<no.> with desc git push origin VKno.> -> pushes VKno.> tag to origin URL git submodule add cgithoub link> > adds submodule to URL repos git clone egithib link> -> clones VRL repos to local workspace git log -> shows commit history for current repos git tog -d <tag v.no> -> delete tag git remote set-url origin <url> > replace origin un File gitignore -> specify what file or folder to ignore in add and commit. example in file, for file < file mome + +x+>, for folder _ - pycoche _ -