A Survey on CASE Tools and Environments

Assignment 1

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Student Name: **Number:**

Questions

1) Make a list of all software development tools that you have used. [1 point]
  a) Classify them as stand-alone or integrated tools.
  b) Which activities/task of the software life cycle each one of them supports?

	Stand-alone	Integrated
Coding:	Python,Java,Javascript C/C++,Ant, Maven,html, Css, Angular.JS, Ajax, Bootstrap	Eclipse, Pycharm, Visual Studio, vim, Sublime
Design:	UML	StartUML
Debugging:	Pylint, log4j	
Collaboration:	Git/Github	
Processing:	Xampp, Apache Server, Ngnix, Tomcat	
Database:	Mysql, Oracle, SqlServer MongoDB, Redis,	

2) **Gather information on at least five CASE tools/environments. [4 points] Develop a matrix that compares some their features. For example, which life cycle phase is supported (requirements, design, implementation, testing, management), which application domain or system profile is relevant, etc. Hint: you may need to browse sites like these: http://www.csci.csusb.edu/dick/samples/tools.html http://www.softdevtools.com http://www.softwareqatest.com/index.html**

	Git	UML	Eclipse	JIRA	Creative Pro Office
Life Cycle	Management	Requirements & Design	Implementation & Testing	Management&Testing	Management
Application	Academic, Development	Process Modeling, Requirement Analysis	Programming, Development, Testing	Issue tracking and Project management Business	Project Management Business
Dependency	independent	integrated	integrated	integrated	independent
Users	multiple	alone	alone	multiple	multiple
System	Unix/Linux/ Windows	Unix/Linux/ Windows	Unix/Linux/ Windows	Unix/Linux/ Windows	Unix/Linux/ Windows