

## SE 216 – SOFTWARE PROJECT MANAGEMENT

### SOFTWARE TOOLS DOCUMENT

PROJECT NAME: E-VET    Group7    Section3

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TASK #	PROJECT TASKS WHICH REQUIRE SOFTWARE TOOL SUPPORT
1	MOBILE DEVELOPMENT
2	WEBSITE DEVELOPMENT
3	FUNCTIONAL TESTING

#### SOFTWARE TOOLS FOR TASK 1: Mobile Development

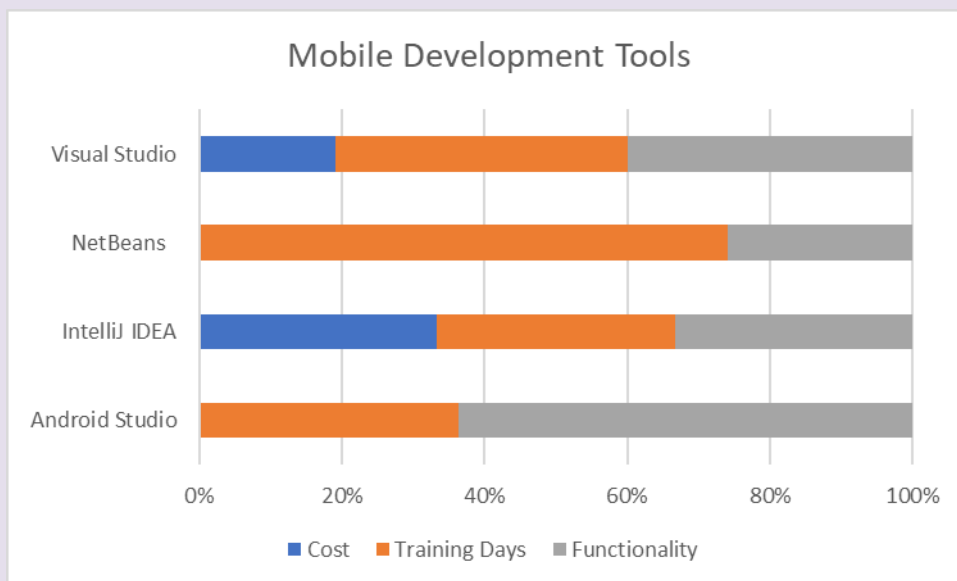
##### Tool Cost/Training/Functionality Data

Tool	Android Studio	IntelliJ IDEA	NetBeans	Visual Studio
Cost	0	\$49.90	0	\$14.95
Training Days	7	14	10	9
Functionality	75	80	20	50

##### Normalized Cost/Training/Functionality Data

Tool	Android Studio	IntelliJ IDEA	NetBeans	Visual Studio
Cost	0.0	100.0	0.0	29.9
Training Days	50.0	100.0	71.4	64.3
Functionality	87.5	100.0	25.0	62.5

##### Normalized Tool Graph



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#### Which tool has been selected? Why?

- We selected IntelliJ IDEA ,because it provides the best comfort to developers who are using java programming language.Also it analyses the codes, and look for the connections Between symbol across all project files and languages.

#### SOFTWARE TOOLS FOR TASK 2:Website Development

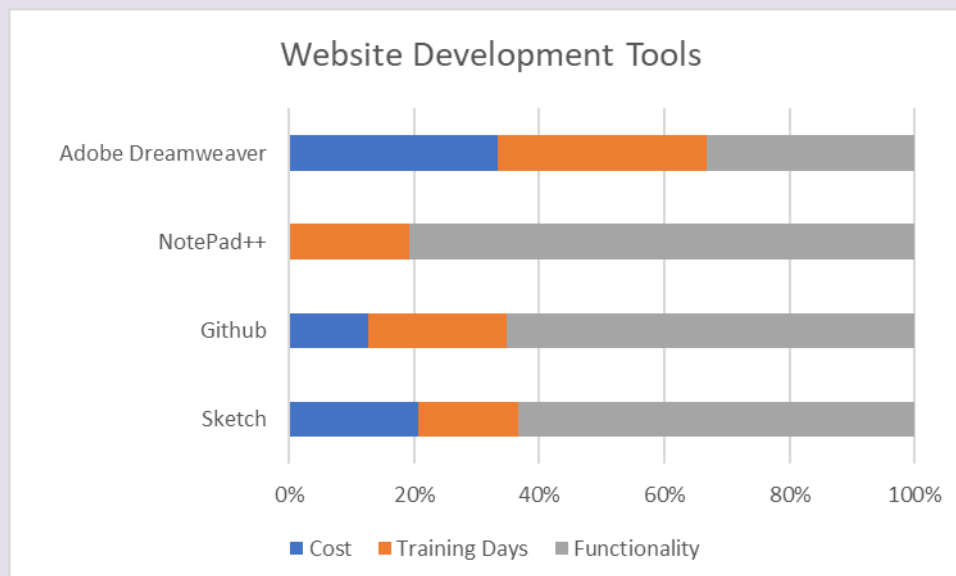
##### Tool Cost/Training/Functionality Data

Tool	Sketch	Github	NotePad++	Adobe Dreamweaver
Cost	\$9	\$4	0	\$31.49
Training Days	2	2	8	9
Functionality	70	50	30	80

##### Normalized Cost/Training/Functionality Data

Tool	Sketch	Github	NotePad++	Adobe Dreamweaver
Cost	28.6	12.7	0.0	100.0
Training Days	22.2	22.2	8.9	100.0
Functionality	87.5	65.5	37.5	100.0

##### Normalized Tool Graph



#### Which tool has been selected? Why?

-We selected Adobe Dreamweaver because it provides an ease and efficiency of use.Also it manages and updates websites effectively, lastly it can be easily customized.

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#### SOFTWARE TOOLS FOR TASK 3:Functional Testing

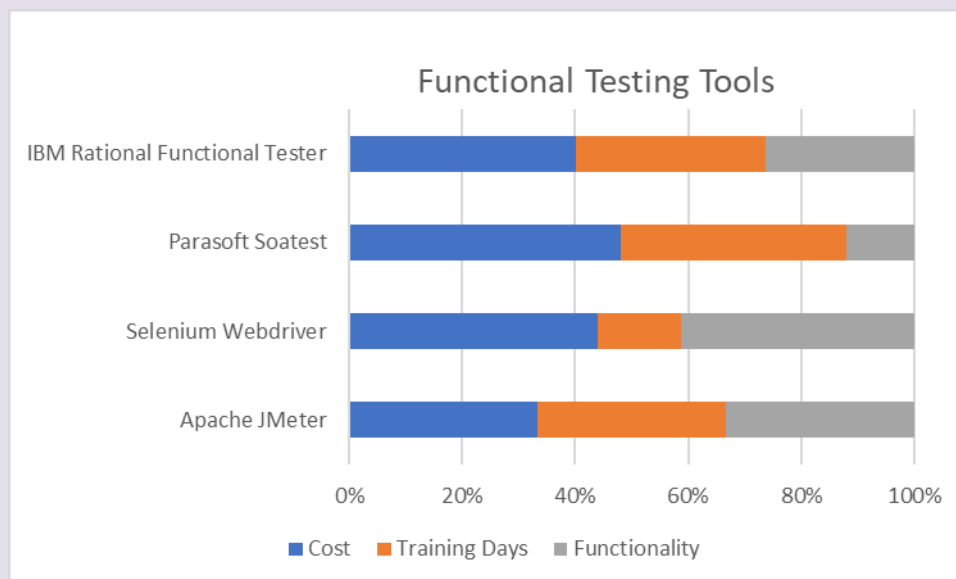
##### Tool Cost/Training/Functionality Data

Tool	Apache JMeter	Selenium Webdriver	Parasoft Soatest	IBM Rational Functional Tester
Cost	0	0	0	0
Training Days	6	2	5	5
Functionality	80	75	20	50

##### Normalized Cost/Training/Functionality Data

Tool	Apache JMeter	Selenium Webdriver	Parasoft Soatest	IBM Rational Functional Tester
Cost	100.0	100.0	100.0	100.0
Training Days	100.0	33.3	83.3	83.3
Functionality	100.0	93.8	25	65.5

##### Normalized Tool Graph



##### Which tool has been selected? Why?

-We selected Apache JMeter because it is easy to use without extensive programming knowledge and it allows test recording from browsers and applications. Lastly it provides integration with reporting.