

SE 216 – SOFTWARE PROJECT MANAGEMENT

SOFTWARE TOOLS DOCUMENT

PROJECT NAME: Truber

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TASK #	PROJECT TASKS WHICH REQUIRE SOFTWARE TOOL SUPPORT
1	Database is needed to store users' names, phone numbers, car plate, drivers' license and company informations.
2	An IDE can be extremely useful for developing our project, providing a centralized platform that streamlines the software development process and offers a range of features such as code editing, debugging, and version control. This can save time and increase productivity.
3	To manage the events that happening in development process.

SOFTWARE TOOLS FOR TASK 1:

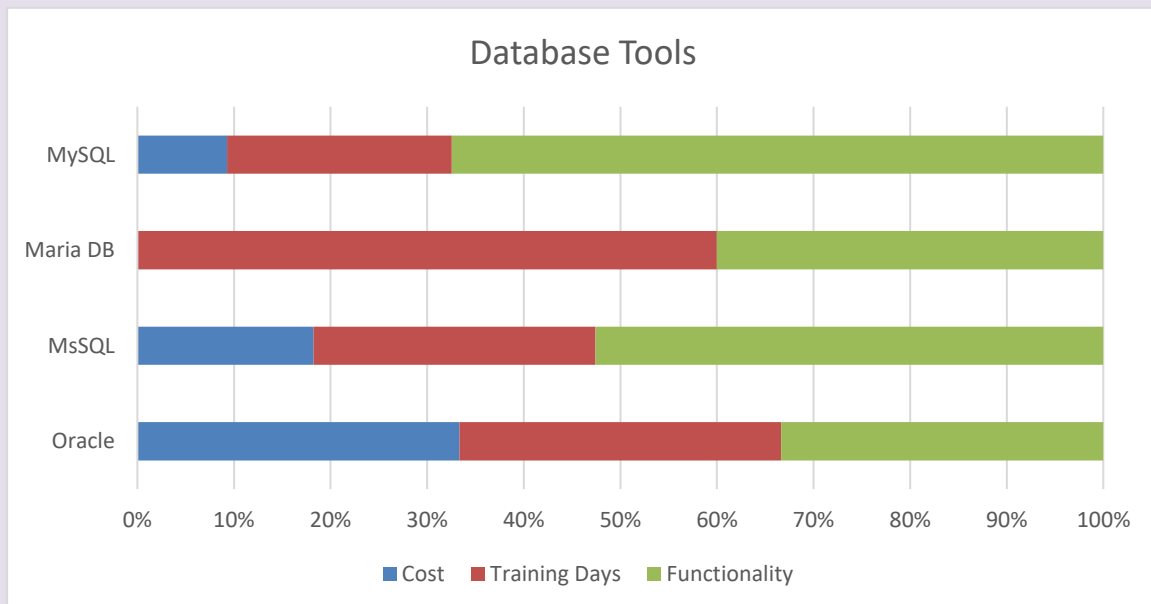
Tool Cost/Training/Functionality Data

Tool	Oracle	MsSQL	Maria DB	MySQL
Cost	\$10000	\$2500	0	\$800
Training Days	10	4	3	2
Functionality	70	50	20	40

Normalized Cost/Training/Functionality Data

Tool	Oracle	MsSQL	Maria DB	MySQL
Cost	100.0	25.0	0.0	8.0
Training Days	100.0	40.0	30.0	20.0
Functionality	100.0	71.42	28.57	57.14

Normalized Tool Graph



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Which tool has been selected? Why?

As a result, MySQL is the most suitable for the project as in cost and functionality since it will be covering all the user information in the database.

SOFTWARE TOOLS FOR TASK 2:

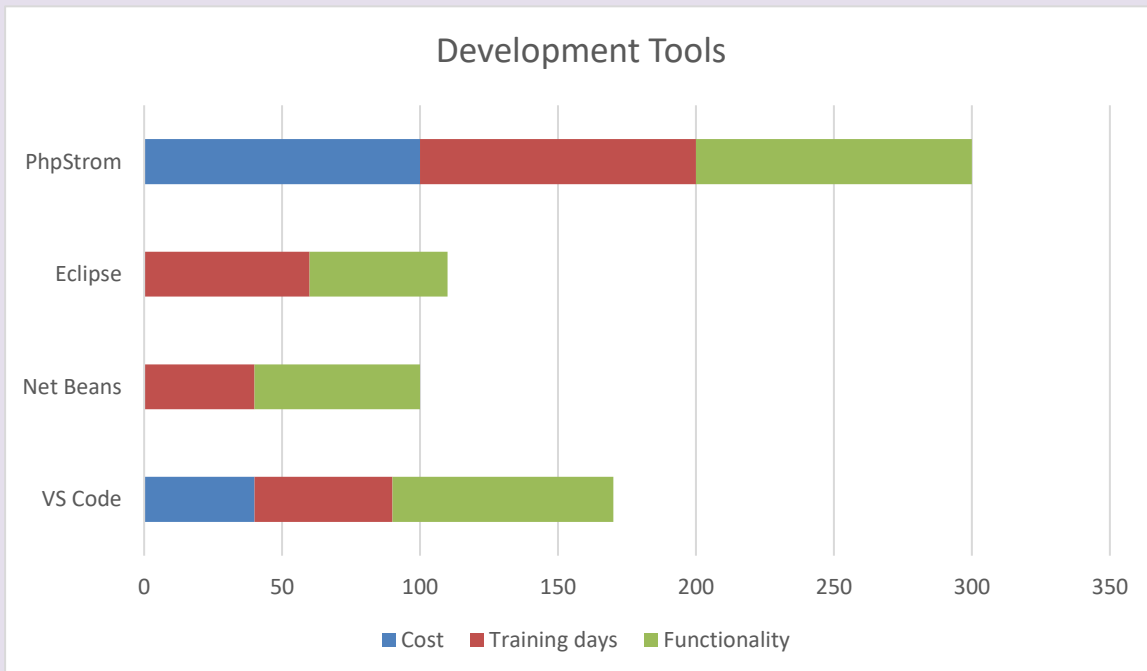
Tool Cost/Training/Functionality Data

Tool	VS Code	Net Beans	Eclipse	PhpStorm
Cost	\$100	0	0	\$250
Training Days	5	4	6	10
Functionality	70	50	40	80

Normalized Cost/Training/Functionality Data

Tool	VS Code	Net Beans	Eclipse	PhpStorm
Cost	40.0	0.0	0.0	100.0
Training Days	50.0	40.0	60.0	100.0
Functionality	87.5	62.5	50.0	100.0

Normalized Tool Graph



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Which tool has been selected? Why?

We decided VS Code as the ide because it contains all the features we need and training day is a suitable for us to learn IntelliJ with these features.

SOFTWARE TOOLS FOR TASK 3:

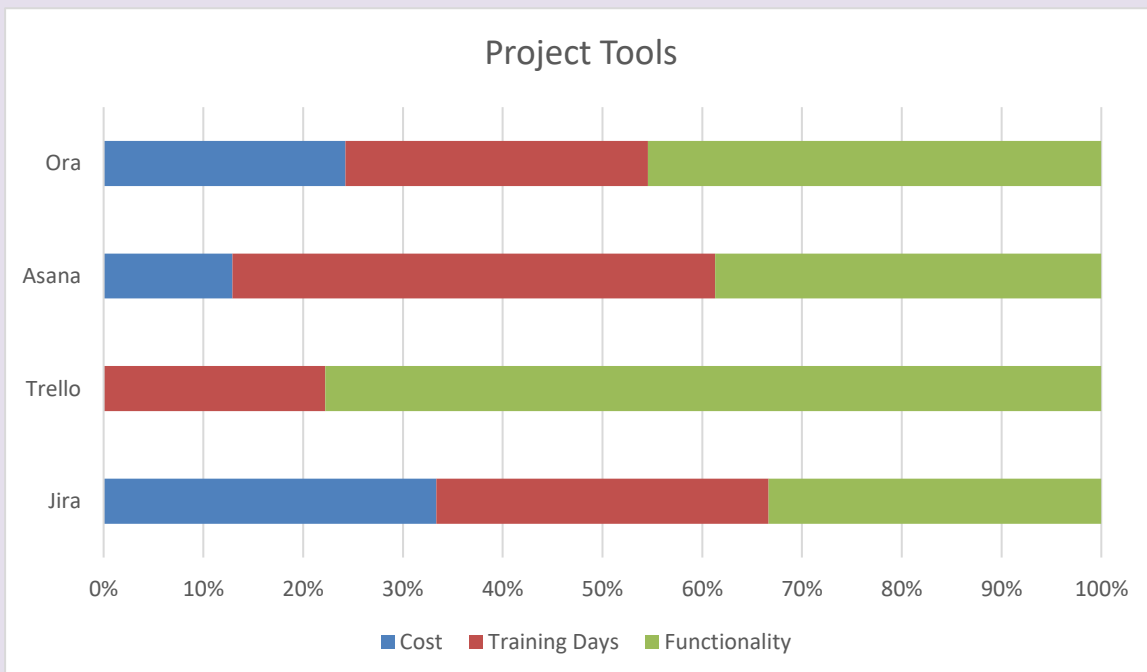
Tool Cost/Training/Functionality Data

Tool	Jira	Trello	Asana	Ora
Cost	\$50	0	\$10	\$20
Training Days	8	2	6	4
Functionality	80	70	50	60

Normalized Cost/Training/Functionality Data

Tool	Jira	Trello	Asana	Ora
Cost	100.0	0.0	20.0	40.0
Training Days	100.0	25.0	75.0	50.0
Functionality	100.0	87.5	62.5	75.0

Normalized Tool Graph



Which tool has been selected? Why?

Trello is more suitable for our project because it is easy to use and, it is more flexible compare to other project tracking tools.