

SE 315 – SOFTWARE PROJECT MANAGEMENT
SOFTWARE TOOL SELECTION DOCUMENT

PROJECT NAME: BrightBorn

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TASK #	PROJECT TASKS WHICH REQUIRE SOFTWARE TOOL SUPPORT
1	Database Management
2	2D - 3D Animation
3	UI

SOFTWARE TOOLS FOR TASK 1:

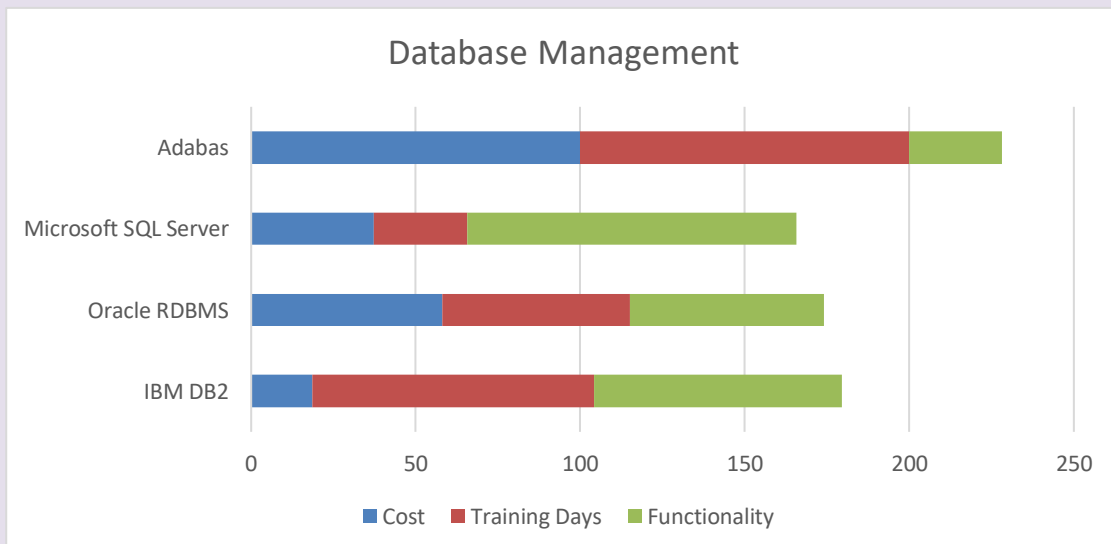
Tool Cost/Training/Functionality Data

Tool	IBM DB2	Oracle RDBMS	Microsoft SQL Server	Adabas
Cost	\$1850	\$5800	\$3717	\$10000
Training Days	6	4	2	7
Functionality	64	50	85	24

Normalized Cost/Training/Functionality Data

Tool	IBM DB2	Oracle RDBMS	Microsoft SQL Server	Adabas
Cost	18.5	58	37.17	100
Training Days	85.71	57.14	28.57	100
Functionality	75.29	58.82	100	28.24

Normalized Tool Graph



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Which tool has been selected? Why?

We decided to go on with Microsoft SQL server. The reason for this is ;
-It provides high functionality when we compare it with other options.
- Low training days is crucial for our Project.

SOFTWARE TOOLS FOR TASK 2:

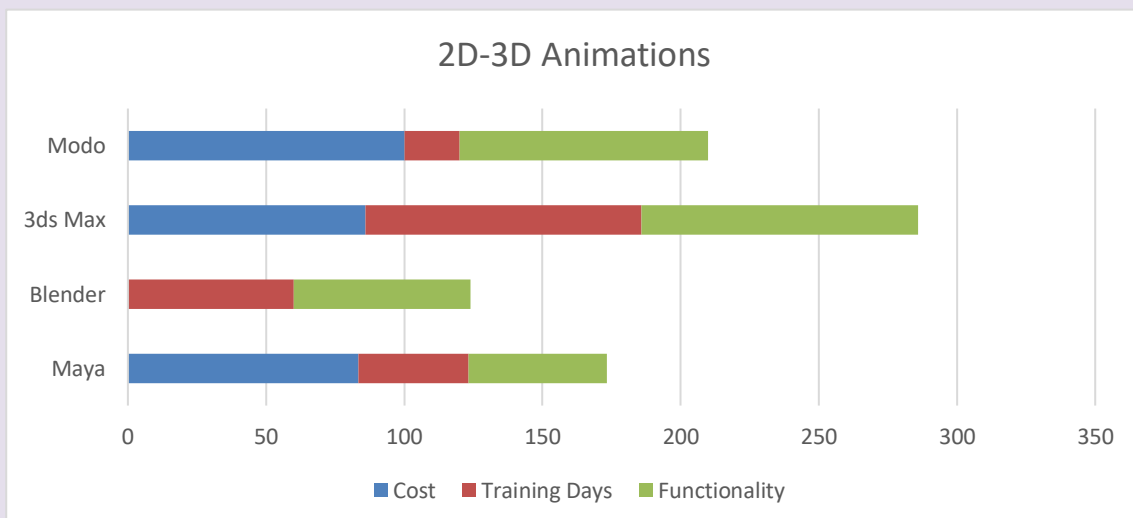
Tool Cost/Training/Functionality Data

Tool	Maya	Blender	3ds Max	Modo
Cost	\$1500	\$0	\$1545	\$1799
Training Days	2	3	5	1
Functionality	25	32	50	45

Normalized Cost/Training/Functionality Data

Tool	Maya	Blender	3ds Max	Modo
Cost	83.37	0	85.88	100
Training Days	40	60	100	20
Functionality	50	64	100	90

Normalized Tool Graph



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Which tool has been selected? Why?

We decided to go on with Modo. The reason for this is ;

- When we compare Modo with other options , first priority for our Project is time.
- Modo gives us high functionality with low training days.

SOFTWARE TOOLS FOR TASK 3:

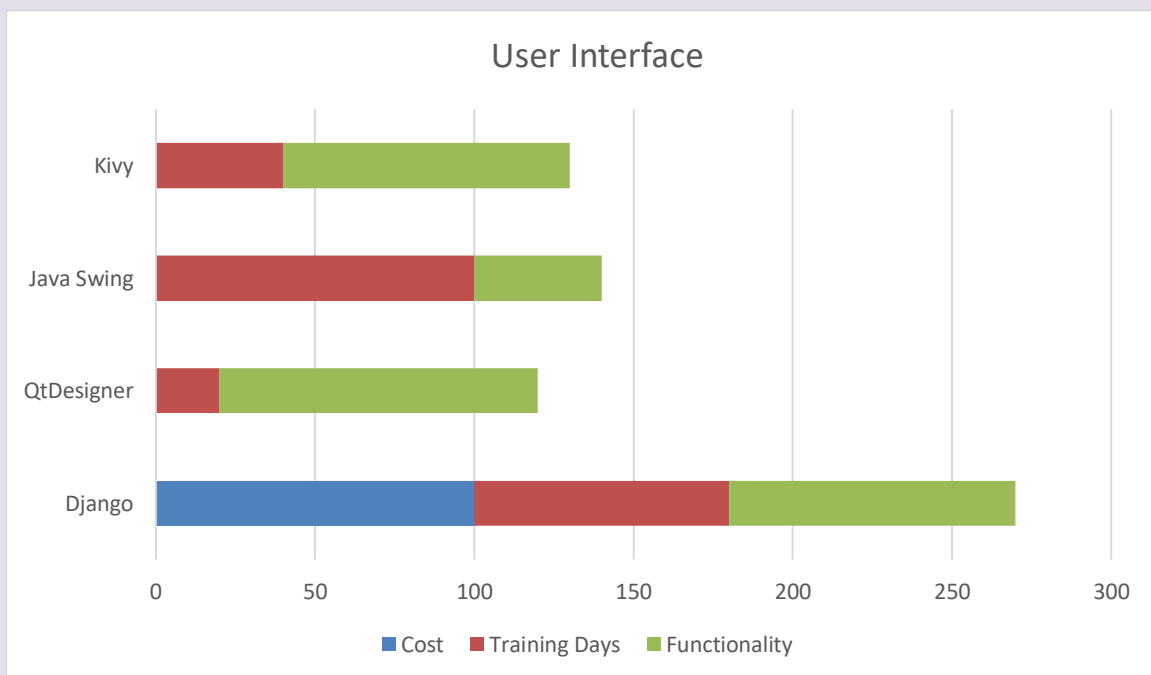
Tool Cost/Training/Functionality Data

Tool	Django	QtDesigner	Java Swing	Kivy
Cost	\$150	\$0	\$0	\$0
Training Days	4	1	5	2
Functionality	45	50	20	45

Normalized Cost/Training/Functionality Data

Tool	Django	QtDesigner	Java Swing	Kivy
Cost	100	0	0	0
Training Days	80	20	100	40
Functionality	90	100	40	90

Normalized Tool Graph



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Which tool has been selected? Why?

We decided to go on with QtDesigner. The reason for this is ;

-QtDesigner provides us available documentations in wide range and it has low cost and low training days.

-It fits for costumers requirements about Project.