SE 216 – SOFTWARE PROJECT MANAGEMENT
SOFTWARE TOOLS DOCUMENT

PROJECT NAME: DrivEco

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TASK #	PROJECT TASKS WHICH REQUIRE SOFTWARE TOOL SUPPORT
1	Map
2	Payment
3	Database

SOFTWARE TOOLS FOR TASK 1:Map

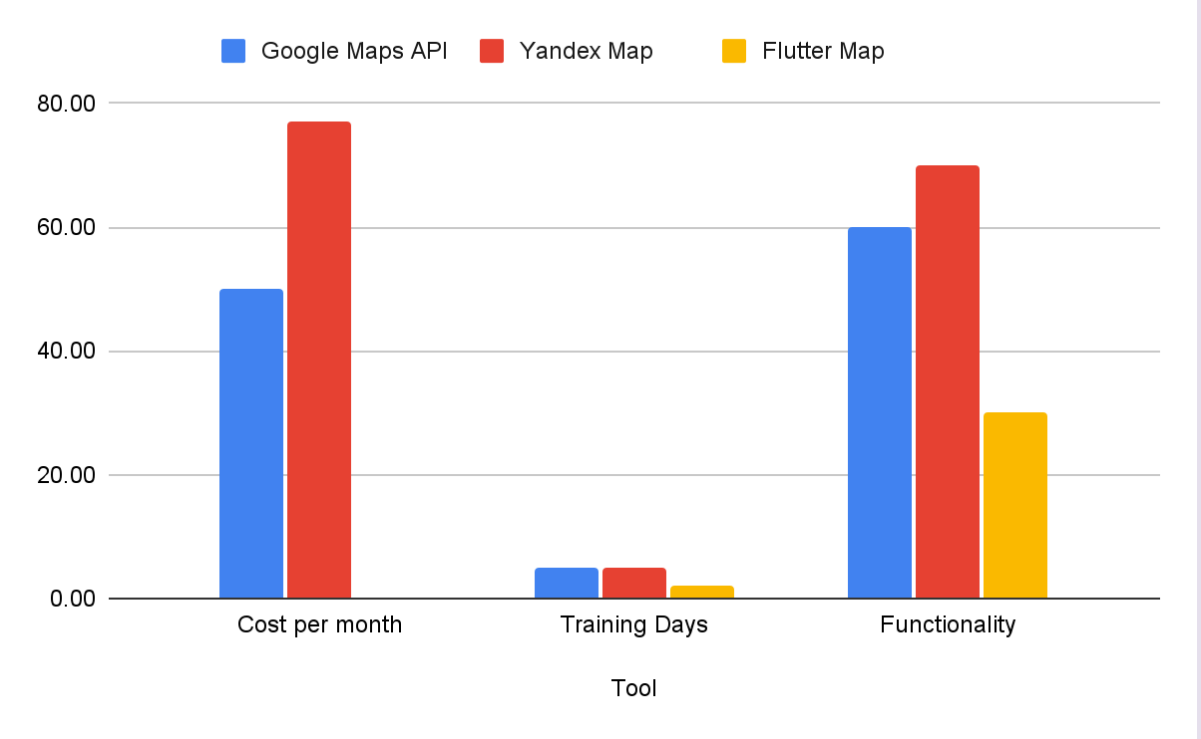
Tool Cost/Training/Functionality Data

Tool	Google Maps API	Yandex Map API	Flutter Map package	
Cost (per month)	500$	770$	Free	
Training Days	5	5	2	
Functionality	80	60	55	

Normalized Cost/Training/Functionality Data

Tool	Google Maps API	Yandex Map API	Flutter Map package	
Cost	65	100	0	
Training Days	100	100	40	
Functionality	100	75	68	

Normalized Tool Graph



The graph shows how many units the fee corresponds to out of 10 units.

Which tool has been selected? Why?
We choose Flutter. Because it offers integration with different map providers and provides flexibility to customize your maps. It is also free, open source and supported by Flutter systems.

SOFTWARE TOOLS FOR TASK 2:Payment

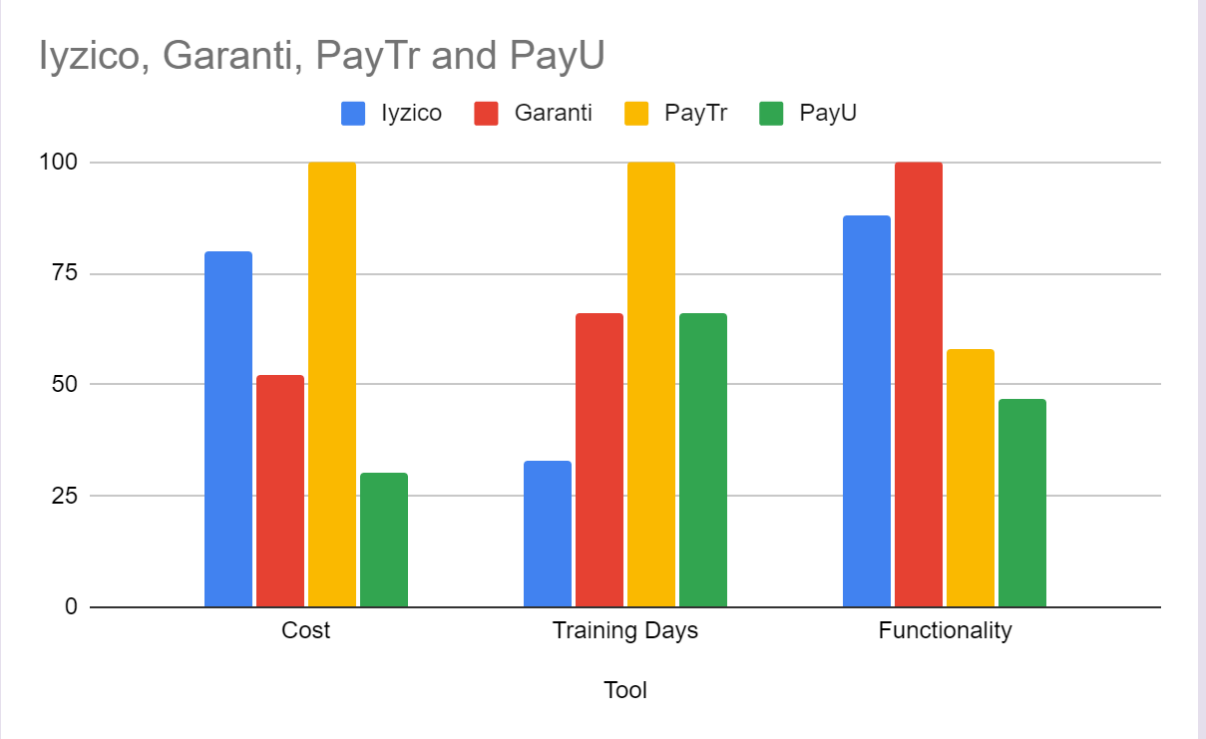
Tool Cost/Training/Functionality Data

Tool	Iyzico	Garanti	PayTr	PayU
Cost	%3.99	%2.59	%4.97	%1.5
Training Days	3	4	2	2
Functionality	75	85	60	55

Normalized Cost/Training/Functionality Data

Tool	Iyzico	Garanti	PayTr	PayU
Cost	79.8	52	100	30
Training Days	75	100	50	50
Functionality	88	100	70	64

Normalized Tool Graph



Which tool has been selected? Why?
We decided it would be best to choose Garanti BBVA Online POS because it is safer and cheaper. Additionally, the fact that the bank has a customer service center was an important factor in making this choice.

SOFTWARE TOOLS FOR TASK 3:Database

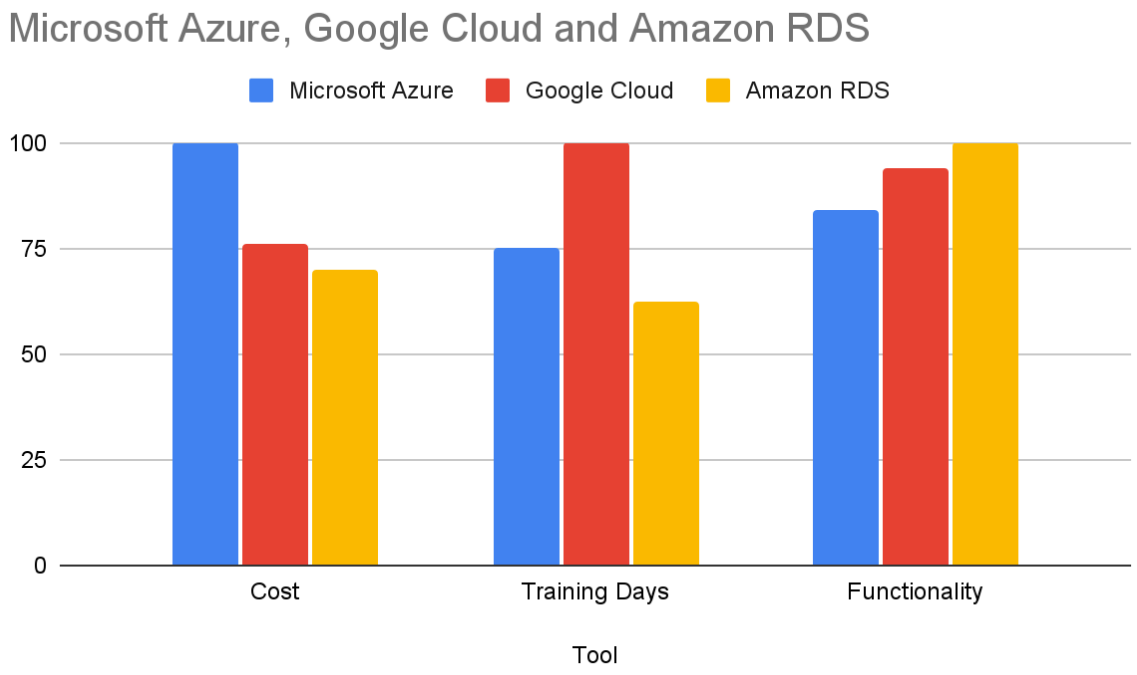
Tool Cost/Training/Functionality Data

Tool	Microsoft Azure	Google Cloud	Amazon RDS	
Cost (per month)	$396	$300	$280	
Training Days	30	40	25	
Functionality	85	90	85	

Normalized Cost/Training/Functionality Data

Tool	Microsoft Azure	Google Cloud	Amazon RDS	
Cost	100	76	70	
Training Days	75	100	62.5	
Functionality	94	100	84	

Normalized Tool Graph



Which tool has been selected? Why?
When comparing different service providers, it's evident that Amazon offers the same level of security as others but at a more affordable price. It also offers management conveniences such as automatic backup, instant backup, scaling and monitoring.