

# COMPETITIVE & COMPARATIVE ANALYSIS: SCI-FI

						Key:			
<b>Feature comparison of UI</b>						Yes			
Purpose: Assess functionality of related or competitive technologies						No			
Product	URL	Voice Recognition	Cloud Based	Gesture Recognition	Internet Access	Human Voice	Personality	Human-dependent	Exhibits Development
J.A.R.V.I.S.		Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
R2 - D2		Yes	No	Yes	No	No	Yes	Yes	No
Bumblebee		Yes	No	Yes	No	No	Yes	No	No
Tomagachi		No	No	No	No	No	Yes	Yes	Yes
<b>Notes:</b>									
From the lack of complexity of the Tomagachi to the unlimited capabilities of Jarvis, humans are still able to emotionally connect with them. The most important factor is that the machines exhibit personality and voice recognition									

# COMPETITIVE & COMPARATIVE ANALYSIS: AUTO RELATED

Feature comparison of xxxxxx							Key:	
Purpose: Assess functionality of related or competitive technologies							Yes	
							No	
							N/A	
Product	URL	Steering Wheel Tou	Gesture Control	Face Recognition	Apps	Large dash display	voice control	
Byton		Yes	Yes	Yes	Yes	Yes	Yes	
Tesla		No	No	No	Yes	Yes	Yes	
Faraday Future		N/A	N/A	N/A	N/A	N/A	N/A	
<b>Recommendation: Byton has featuritis, lets find out what is necessary and what we can lose or change</b>								

# COMPETITIVE & COMPARATIVE ANALYSIS: NON AUTO RELATED

Product	URL	Navigation	Messaging	Music	Voice assistance	Voice Calling	Personalize App Layout	requires iphone	requires android phone				
Feature comparison of xxxxxx						Key:							
Purpose: Assess functionality of related or competitive technologies						Yes		No					
Apple Car Play	<a href="https://www.apple.com/ios/whats-new/">https://www.apple.com/ios/whats-new/</a>	supports google maps		supports 3rd party	siri		flexible arrangement of app icons						
Android Auto	<a href="https://www.google.com/android/auto/">https://www.google.com/android/auto/</a>			supports 3rd party	google assistance		stuck on preset interface, folder system						
	<a href="https://gadgets.ndtv.com/apps/features">https://gadgets.ndtv.com/apps/features</a>	basic task [1]	calling	trivia questions	complex task	context aware							
siri													
alexa			[2]										
google													
Recommendation:													
Tech													
iphone face reco	<a href="https://blog.vodafone.com/2016/09/20/apple-iphone-x-face-id/">https://blog.vodafone.com/2016/09/20/apple-iphone-x-face-id/</a>	infrared camera	flood illuminator	dot projector in 3d spac	uses 3d scan of facial pattern			<a href="https://appleinsider.com/articles/17/10/25/microsoft-kills-kinect-just-as-apple-dives-into-facial-recognition-with-iphone-x-face-id">https://appleinsider.com/articles/17/10/25/microsoft-kills-kinect-just-as-apple-dives-into-facial-recognition-with-iphone-x-face-id</a>					
samsung	<a href="https://www.androidauthority.com/how-fingerprint-scanners-work-670934/">https://www.androidauthority.com/how-fingerprint-scanners-work-670934/</a>	camera	infrared light	biometric mapping, simi	uses 2d scan	iris scanning		<a href="https://www.androidauthority.com/how-fingerprint-scanners-work-670934/">https://www.androidauthority.com/how-fingerprint-scanners-work-670934/</a>					
Product	URL	Road Speed	Speed Limits	RPM	Lane Guiding	Warning Messag	Telephone and Call Infor	Navigational Turn-By-Tu	Entertainment Mi	Vehicle Status	Overtaking Restrictions		
BMW HUD	<a href="https://www.bmw.com/usa/pressroom/2016/09/2016_09_20_bmw_hud.html">https://www.bmw.com/usa/pressroom/2016/09/2016_09_20_bmw_hud.html</a>												
aircraft		air speed	mach speed indicator		flight path	altitude	air pressure		navigation	ground speed	heading	landing course	vertical speed