

Project Name	NextHMI
This document	https://docs.google.com/spreadsheets/d/1e_WB1EaOw
Production system (if any)	...
Test system (if any)	...
Github repository	https://github.com/AMOS-NextHMI/meta
Travis-CI dashboard	...
Team T-shirt (white)	https://www.shirtinator.de/gestalten/t-shirt-selbst-gestal
Team T-shirt (black)	https://www.shirtinator.de/gestalten/t-shirt-selbst-gestal
Additional materials	Team Contract: https://docs.google.com/document/d/1dbbexLA6rgh7W
Example	https://goo.gl/FRfym

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Lickefett	Wolf	kl4rk	w.lickefett@googlemail.com
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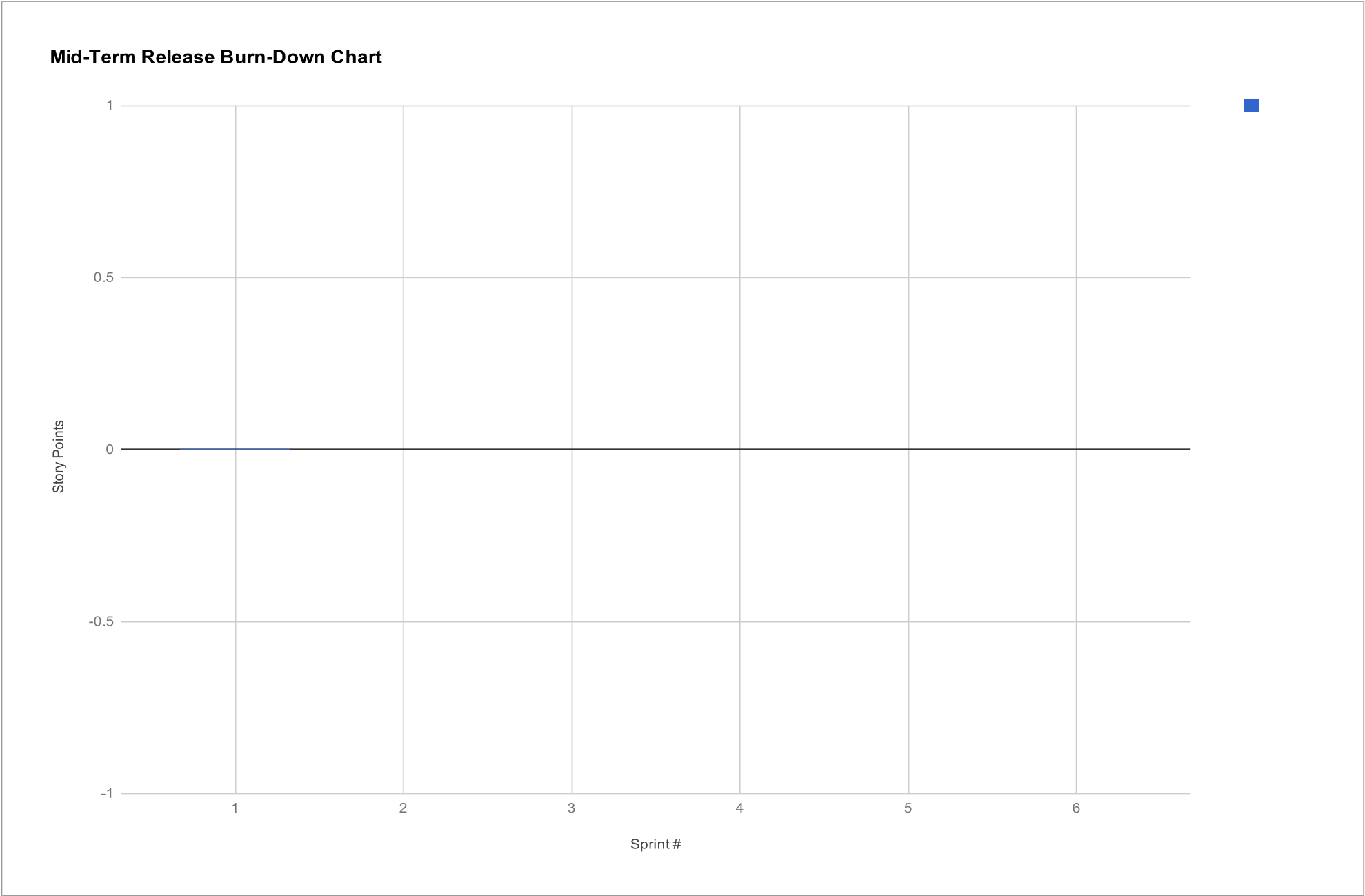
Sprint #	Start Date	End Date	Product Owner	Software Developer	Scrum Master	Release Manager
1	2019-10-17	2019-10-24	Oliver	Everyone else	Felix	Wolf
2	2019-10-24	2019-10-31	Mahmoud	Everyone else	Lukas	Furkan
3	2019-10-31	2019-11-07	Khalit	Everyone else	Wolf	Feriel
4	2019-11-07	2019-11-14	Felix	Everyone else	Furkan	Oliver
5	2019-11-14	2019-11-21	Lukas	Everyone else	Feriel	Mahmoud
6	2019-11-21	2019-11-28	Wolf	Everyone else	Mahmoud	Khalit
7	2019-11-28	2019-12-05	Furkan	Everyone else	Oliver	Felix
8	2019-12-05	2019-12-12	Feriel	Everyone else	Khalit	Lukas
9	2019-12-12	2019-12-19	Oliver	Everyone else	Felix	Wolf
10	2019-12-19	2019-12-26	Mahmoud	Everyone else	Lukas	Furkan
11	2019-12-26	2020-01-02	Khalit	Everyone else	Wolf	Feriel
12	2020-01-02	2020-01-09	Felix	Everyone else	Furkan	Oliver
13	2020-01-09	2020-01-16	Lukas	Everyone else	Feriel	Mahmoud
14	2020-01-16	2020-01-23	Wolf	Everyone else	Oliver	Khalit
15	2020-01-23	2020-01-30	Furkan	Everyone else	Mahmoud	Felix
16	2020-01-30	2020-02-06	Feriel	Everyone else	Khalit	Lukas
17	2020-02-06	2020-02-13	Oliver	Everyone else	Felix	Wolf

Product Vision
The reason of existence of the envisioned product (beyond this project).
Provide our users with a seamlessly integrated car operating system.
Project Mission
The mission of this particular project (in the context of the product vision).
Prove the product vision's feasibility by integrating three basic apps into into a modified modern Android-based OS

Term	Definition
Driving View	The App View a user has access to while driving
Launcher	The App the user returns to when the home button is pressed

Release	Mid-term					
No Sprints	6					
Due Date	...					
Sprint	Sprint Theme	User Stories	Est. Size	Burn-Down	Real Size	
0	--	--	--	0	--	
1	T-Shirt Design		0	0	0	0
2						
3						
4						
5						
6						
Total			0		0	
Release	Final					
No Sprints	7					
Due Date	...					
Sprint	Sprint Theme	User Stories	Est. Size	Burn-Down	Real Size	
6	--	--	--	0	--	
7						
8						
9						
10						
11						
12						
13						
Total			0		0	

No data



Sprint	ID	Theme	Short Name	Item Description	Acceptance Criteria	Est. Size	Responsible	Collaborators	Real Size
1	1		Basic trip computer info overview	As a user i want to have a trip computer app that displays information about my trip	- speed should be shown to the user (dummy info)	5	Khaled, Mahmoud	Khalit, Mahmoud	5
1	2		podcasting app	As a user i want to be able to play and pause a podcast with the podcast app	- play pause .mock podcast	6.5			5
14			Configure Startup Options for the Emulator	As a developer i want to give the compiled system level permissions in an easy way over the android studio interface	Access to hidden API, writable system	5			
5							Wolf	Oliver	8
17		Tripcomputer	implement selected car sensor data api	as the user i want to have access to all useful car sensor data	sensor data api has to be implemented. Permission have to be requested properly	5			
5							Khalit	Mahmoud	5

ID	Sprint	Impediment	Source	Status	Resolution
1		3 No rooted Emulator image available	Google AAOS launcher	solved	Build our own Emulator Image using the AOSP Source Code
2		3 Inter- and Intracommunication of groups is spotty. Not easy to stay up to date with others' work.	Communication	ongoing	Add Readme to repos. Not switch topic each week. Dont switch up the whole team, only individual members. Make up meetings in advance, recurrent meetings.
3		4 Lack of experience with Android development	Knowledge	solved	- The subgroups will meet together on Monday at 7pm to discuss respective impediments and share our knowledge. - Youtube offers Android Development courses.
4		5 We lack a singular document to handle problems that pop-up during developments. Unclarities when setting up a project worked on by others.	Organizational, Knowledge	ongoing	
5		5 Non-standardized build configuration between different devs.	Organizational, Android development	ongoing	
6		5 Too many meetings. Sometimes it feels like we're in the people's front of Judea from Monty Python.	Organization	ongoing	Less non-productive meetings. The Monday meeting is oriented towards programming and doing actual work. Organizational issues are simply discussed briefly throughout.

Feature Definition-of-done	Reviewed and accepted by release manager
	Acceptance criteria met
Sprint release Definition-of-done	Reviewed and accepted by product owner and release manager
	Acceptance criteria met
	Functional tests passed
	Non-Functional requirements met
	Integrated into a clean build
	Any configuration or build changes documented
Product release Definition-of-done	Reviewed and accepted by scrum team and scrum master
	Acceptance criteria met
	Functional tests passed
	Non-Functional requirements met
	Code reviewed
	Any configuration or build changes documented

ID	Theme	Short Name	Item Description	Acceptance Criteria	Size	Responsible	Collaborators
15	Podcast	Create Window to add Podcasts	Since the AAOS App is just a barebone app with no functionality we have to add the features from the Android App back into the AAOS App. To play a podcast (Ticket 16) we first have to subscribe to a podcast.	There is a way to search for a podcast feed and add subscribe to it	3	Lukas	Furkan
16	Podcast	Play Podcasts (subscribed)	Since the AAOS App is just a barebone app with no functionality we have to add the features from the Android App back into the AAOS App. A minimum Requirement for a podcast App is to play a podcast. We want to be able to expose the MediaService and be able to play a podcast episode. The MediaService code was already a part of the Andorid App and has to be copied and modified for AAOS	play a podcast	3	Furkan	Lukas
13	Launcher	Find out how to display an app in the launcher	As a user i want to see an app when the launcher is started, the home button is pressed	App is visible, no errors, start App from there	3	Feriel	Felix
18	Trip Computer	Display relevant information about the car	As a user i want to see my cars milage and the velocity	- The App should display the specified parameters	3	Mahmoud	
23	Trip Computer	Fix Permissions to get the miles per gallon information	As a developer i want so hav acces to the mile per gallon informations	- Acces to the parameter, demo with the parameter working	5	Khalid	
19	Bug	Startup-Script sometimes still gets the INJECT_EVENTS Permission Error	As a developer i want to give my App every time system level permissions each time i start the app	- The App should no longer throw the INJECT_EVENTS permission error	3	Wolf	Oliver
22	Startup-Script	Seperated config file	As a developer i want the configuration for the script in a different, by git untracked, file	- There is a different file for the startup script config	1	Wolf	
21	Startup-Script	Windows Version	As a developer i want a windows version for the startup script	- There is a windows version of the script	3	Oliver	
12	Launcher	Interactions with launcher (Background Animations,...)	As a developer i want to know how to animate the backgorund and use gestures to interact with apps.	- A demo that shows how this is more or less feasible	8	Feriel	Felix, Mahmoud, Wolf, Oliver



[illegible]

#	Name	Version	License	Coupling	Comment		

Please provide a link to the T-shirt design		
White T-shirt:	https://www.shirtinator.de/gestalten/t-shirt-selbst-gestalten	
Black T-shirt:	https://www.shirtinator.de/gestalten/t-shirt-selbst-gestalten	

ID	Theme	Short Name	Item Description	Acceptance Criteria	Size	Priority
4	Launcher	switch apps	As a user I want to switch between my available apps	- the launcher should be able to perform some action to switch from one app to another (like a swipe or a triple tap or something)		middle
5	Launcher	reduced app visualizations	As a user I want to see miniature/abstracted versions of each app running in the launcher	- the launcher should be able to show each app in some capacity		high
6	Launcher	home button/return	As a user I want to return to the launcher	- there should be a way for the user to return to the launcher screen from each app		high
7	Launcher	widgets	As a user I want to know small details about my environment	- there should be a widget for time/temperature at the bottom of the screen - can be discussed more with the IAV folks as this was not specified specifically		low
8	Launcher	App switch animation	As a user I want the flow between apps to be animated and smooth	- switching between apps should be pleasant and not just on-off		low
9	Launcher	animated background	as a user I want the background of the launcher to not be static	- implement some variant of the floating dots idea that the IAV team suggested		middle
3	Launcher	overview 3 apps launching with android automotive launcher	as a user I want to launch apps with the android automotive launcher	- the launcher should compile and run and display 3 apps		high
11	Podcast	better UI in podcast app	as a user I want to have better looking UI while using the app	-Simplistic smooth UI that is similar to standard apps.		high
10	Trip Computer	find out how to display the app (Trip Computer) while driving, Write small Documentation	as a user I want to be able to see some version of the app while driving	- implement a while-driving mode rather than the default android version - visualize sensor data while driving		low
17	Podcast	UI Touchups (Logo, ...)	As a user I want a visually pleasing podcast App	- App has a Logo, Playback shows Podcast Covers		middle
20	Trip Computer	See time since last pause	As a user I want to see how much passed since my last pause	- See a timer in the trip computer app, that counts up the time since the last pause		low
24	Trip Computer	UI Touchups (Logo, ...)	As a User I want to see a visually pleasing App	- Design Mockup for the app - Implement mockup design	5	high
25	Podcast	View subscribed Podcasts	A User should be able to see a list of the subscribed Podcasts	- List with subscribed Podcasts is viewable		high
26	Podcast	Unsubscribe Podcast	A User should be able to unsubscribe a Podcast	- Unsubscribe a previously subscribed Podcast		middle

Last Name	First Name	Value					
Amira	Feriel		#DIV/ 0!	#DIV/ 0!			
Budke	Oliver						
Gharra	Mahmoud						
Hartmann	Khalit						
Herron	Felix		0	No effort			
Hoffmann	Lukas		1	Minimal effort			
Lickefett	Wolf		2	Small effort			
Tas	Furkan		3	Medium effort			
			5	Large effort			
			8	Very large effort			
			13	Too large effort			