

		hours
2021-09-21	Ordered Arduino R3 UNO, PN532, NFC cards from Aliexpress	1hr
2021-09-25	Research NFC Technology	6hr
2021-09-28	Research Code developing platforms	8hr
2021-09-29	Learning MySQL Database	5hr
2021-09-30	Learning Eclipse IDE	8hr
2021-09-30	Ordered NFC Wristband and NFC cards (NTAG216)	1hr
2021-10-02	Learning Eclipse IDE	6hr
2021-10-03	Learning Spring Boot	5hr
2021-10-04	Learning Spring Boot	6hr
2021-10-05	Learning Spring Boot	8hr
2021-10-05	Research xCode platform	1hr
2021-10-06	Download Xcode 10S Big Sur mac file	3 1/2 hr
2021-10-06	Install Big Sur OS on virtual box	5hr
2021-10-06	Setup Mac OS Big Sur and download Xcode	4hr
2021-10-07	OS was slow. upgrade VM settings and reinstall Mac OS Big Sur	6hr
2021-10-08	VM Error occurred reinstalling Mac OS on VM	5hr
2021-10-09	Error still occurring on VM BOX	3hr
2021-10-09	} re-inst uninstalling and reinstalling OS on VM changed OS Big Sur to OS Catalina (downgrade)	45hr
2021-10-14		
2021-10-15	install downgrade version of Xcode on OS Catalina	9hr
2021-10-15	VM error fixed	1hr
2021-10-16	} developing and learning Xcode	12hr
2021-10-17		



2021-10-19 VM Error occurred again  
(OS Restarting again continuously) 3hr

2021-10-20 Abandoned Virtual Box and install  
VM Ware 5hr

2021-10-21 install Mac OS Big Sur on VM Ware 4hr  
install xcode 5hr

2021-10-23 Remove Big Sur and installed Mac OS  
Catalina due to low performance of  
Laptop 5hr

2021-10-23 install xcode downgrade version on  
OS catalina 4hr

2021-10-23 PN532 Module came Package came

2021-10-24 developing and learning xcode 6hr

2021-10-25 Abandoned xcode and VM Ware due to  
can't install application on iPhone  
(iPhone NFC sensor not working properly) 4hr

2021-10-25 Research Android Studio 4hr

2021-10-26 Research Android Studio and installed 7hr

2021-10-26 Arduino R3 UNO package came

2021-10-27 } Learning Eclipse IDE 4hr  
2021-10-28 }

2021-10-29 NFC Cards package came

2021-10-29 Trying Arduino IDE (Download and install) 3hr

2021-10-29 Planning Planning to buy buy Android phone.  
Googling for low budget NFC & Android phones. 10hr



2021-10-30	Bought some equipments for Arduino	
	Artefact	3hr
2021-10-31	build sample codes and run on Arduino	1hr
2021-11-01	Bought A android phone	3hr
2021-11-05	Researching for NFC reader application	2 1/2 hr
2021-11-07	} Build and developed code for NFC Reader application	12 hr
2021-11-10		
2021-11-20	Researching for NFC writer application	5 hr
2021-11-21	} build and developed writer application	25 hr
2021-11-26		
2021-11-26	Try Adding more information to the NFC card and got limitation errors	4hr
2021-11-27	} Re developing writer application	8hr
2021-11-29		
2021-11-30	Checking Reader application and writer application	2hr
2021-11-18	NFC wrist band package came	
2021-12-09	} Researching and learning Android Studio	45hr
2021-12-12		
2021-12-12	Developing and learning Android Reader application	5hr
2021-12-13	} Developing code	30 hr
2021-12-18		
2021-12-23	Developing Eclipse IDE website backend	3hr
2021-12-27	Developing Backend and database connecting	5hr



2021-12-28	Researching and learning react	6hr
2021-12-28	Download and install frontend softwares.	2hr
2021-12-29	Developing frontend	18hr
2021-12-30		
2021-12-30	Started Documentation	3hr
2021-12-31	Deploy database on heroku	2hr
2021-12-31	Developing Backend and frontend	5hr
2022-01-01	finalizing Arduino writer and Reader application	3hr
2022-01-01	finalizing Backend	2½hr
2022-01-01	finalizing frontend	2hr
2022-01-01	finalizing cloud deployment	1hr
2022-01-02	finalizing Android reader application	2hr
2022-01-01	finalizing Document	8hr
2022-01-02		
2022-01-02	Designing NIC Layout on Photoshop	7hr
2022-01-02	Get prin sticker printout of Layout	2hr
2022-01-03	finalizing Document	24hr
2022-01-04		
2022-01-04	Submitting the files	½ hr

Total hours

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