		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
2021-10-05	Download XCode IOS Big Sur mac file	3 ½ hr
2021-10-06	Install Big Sur OS on Virtual Box	5 hr
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 2021-10-14 }	Re-inst uninstalling and Reinstalling OS on VM changed OS Big Sur to OS Catalina (Downgrade)	45hr
2021-10-15	install downgrade version of XCode on OS Catalina Catalina	9hr
2021-10-15	VM error fixed	←
2021-10-16 2021-10-17 }	developing and learning XCode	12 hr

Date	Description	Hours
2021-10-19	VM Error occurred again (OS Restarting 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 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 ⎫ 2021-10-28 ⎭	Learning Eclipse IDE	4hr
2021-10-29	NFC Cards Package came	
2021-10-29	Trying Arduino IDE (Download and install)	3hr
2021-10-29	Planning to buy Android phone. Googling for low budget NFC Android phones.	10hr

Date	Description	Hours
2021 - 10 - 30	Bought Some equipments for Arduino Artefact	3 hr
2021 - 10 - 31	build sample codes and Run on Arduino	1 hr
2021 - 11 - 01	Bought A an android phone	3 hr
2021 - 11 - 05	Researching for NFC reader application	2 ½ hr
2021 - 11 - 07 } 2021 - 11 - 10	Build and developed code for NFC Reader application	12 hr
2021 - 11 - 20	Researching for NFC writer application.	5 hr
2021 - 11 - 21 } 2021 - 11 - 26	Built and developed writter application.	25 hr
2021 - 11 - 26	try Adding more information to the NFC card and got limitation errors	4 hr
2021 - 11 - 27 } 2021 - 11 - 29	Re developing writer application	8 hr
2021 - 11 - 30	Checking Reader application and writer application	2 hr
2021 - 11 - 18	NFC wrist band package came.	
2021 - 12 - 09 } 2021 - 12 - 12	Researching and learning Android Studio	45 hr
2021 - 12 - 12	Developing and learning Android Reader application	5 hr
2021 - 12 - 13 } 2021 - 12 - 18	Developing code	30 hr
2021 - 12 - 23	Developing Ecliple IDE website backend	3 hr
2021 - 12 - 27	Developing Backend and database Connectivity	5 hr

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

Total hours (453)

2021 - 12 - 28	Researching and learning react	6 hr
2021 - 12 - 28	Download and install frontend softwares.	2 hr
2021 - 12 - 29 ⎫ 2021 - 12 - 30 ⎭	Developing frontend	18 hr
2021 - 12 - 30	Started documentation	3 hr
2021 - 12 - 31	Deploy datase on heroku	2 hr
2021 - 12 - 31	Developing Backend. and frontend	5 hr
2022 - 01 - 01	finalizing Arduino writer and Reader application	3 hr
2022 - 01 - 01	finalizing Backend	2½ hr
2022 - 01 - 01	finalizing frontend	2 hr
2022 - 01 - 01	finalizing cloud deployment	1 hr
2022 - 01 - 02	finalizing Android reader application	2 hr
2022 - 01 - 01 ⎫ 2022 - 01 - 02 ⎭	Document	8 hr
2022 - 01 - 02	Designing NIC Layout on Photoshop	7 hr
2022 - 01 - 02	Get prin sticker printout of Layout	2 hr
2022 - 01 - 03 ⎫ 2022 - 01 - 04 ⎭	finalizing Document	24 hr
2022 - 01 - 04	Submititing the files	½ hr
	Total hours	(+53)
2022 - 01 - 06 ⎫ 2022 - 01 - 10 ⎭	Making Poster	12 hr
2022 - 01 - 10	Submit poster	½ hr