## **Project Schedule**

 GIS Project G1 Group 4
 Term
 AY 2023/24 T1

Week	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 12	Week 13	WEEK 14
Starting	21 Aug 2023	28 Aug 2023	4 Sep 2023	11 Sep 2023	18 Sep 2023	25 Sep 2023	2 Oct 2023	9 Oct 2023	16 Oct 2023	30 Oct 2023	6 Nov 2023	13 Nov 2023
Phase 1 Project Conception and Initiation												
Group Formation												
Familiarising with QGIS												
Project Briefing												
Project Theme Selection												
Brainstorming Session												
Created Project Website with R and Quarto												
Literature Review												
Downloading Necessary Data e.g. OSM, HumData		T										
Discussion on Theme 2 and Proposal on models to build												
Phase 2 Data Exploration and Modelling												
1st Consultation with Prof												
Data Preparation and Cleaning												
Extracting suitable buildings as Evacuation Centres/Shelters		1										
Extracting Hospitals as Medical Centres												
Exploring ways to Calculate Time Taken to Reach Shelters Using Iso-Area												
Downloading additional data from Copernicus EMSR												
Discussion on Flood Scenario Models using Additional Data												
2nd Consultation with Prof												
Phase 3 Flood Scenarios Analysis												
Compilation of Data Layers into a single Geopackage												-
Finalising Model Proposal with 3 Scenarios of the Flood												
Creating Neighbourhood Centroids for Before and After Flood Scenarios												
Extracting roads outside Flood Extent and generating StartPoints using Geometry Tools for During Flood Scenario												
Before Scenario: Mapping Evacuation Routes to Shelters Before the Flood												
During Scenario: Mapping Routes from the Flood Perimeter to Shelters and Hospitals												
After Scenario: Mapping Supply Routes to the Shelters and Neighbourhood Centroids												
Phase 4 Poster												
Design Layout for Poster												
Generating Maps for Poster												
Finalising Poster with Content and Map Results												
Phase 5 Report and Presentation												
Cleaning up Documentation and Minutes of Meeting												
Writing and Finalising Report												
Townhall Presentation												
Finalising Website												
Collating Project Artifacts												
<u> </u>												