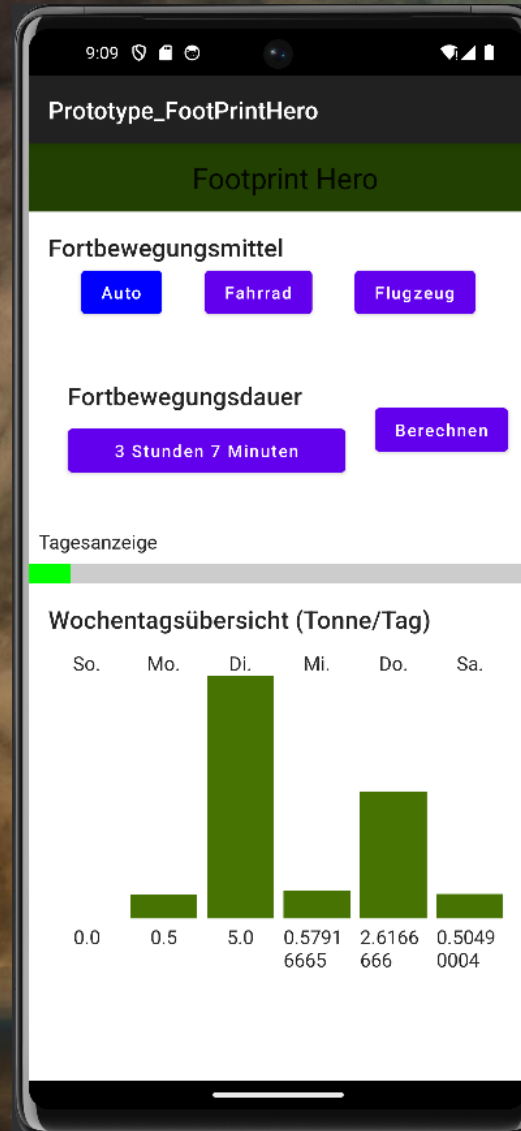
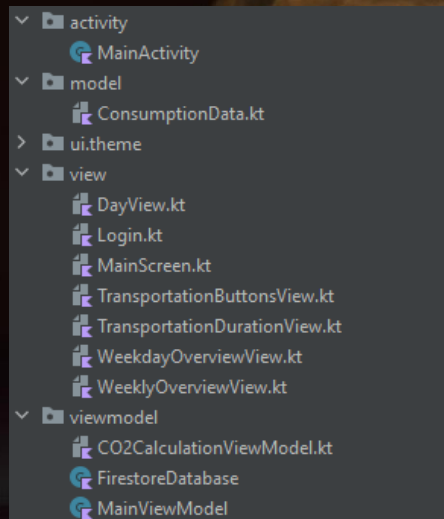


## Gruppe 07 – Footprint Hero



```
class MainViewModel : ViewModel() {  
    private val firestoreDatabase = FirestoreDatabase()  
  
    val vehicles : List<String> = listOf("Auto", "Fahrrad", "Flugzeug")  
    private val co2CalculationViewModel = CO2CalculationViewModel()  
    val selectedVehicle : MutableState<String> = mutableStateOf(value: "Auto")  
    var duration: Int = Integer.valueOf(0)  
    private val co2 : MutableState<Float> = mutableStateOf(value: 0f)  
  
    //Observe Data  
    private val _co2DataList : MutableStateFlow<ConsumptionDataList> = MutableStateFlow<>()  
    @Philipp Zimmer  
    val co2DataList: StateFlow<ConsumptionDataList> get() = _co2DataList  
  
    var dayInGerman = ""  
    var calendarWeek = 0  
  
    @Philipp Zimmer +1  
    init {  
        Log.i(tag: "MainViewModel.init", msg: "init called")  
        readDataInit(collectionName: "co2Data", documentId: "your_document_id")  
        dayInGerman = weekdayInGerman()  
        calendarWeek = getCurrentCalendarWeek()  
    }  
}
```