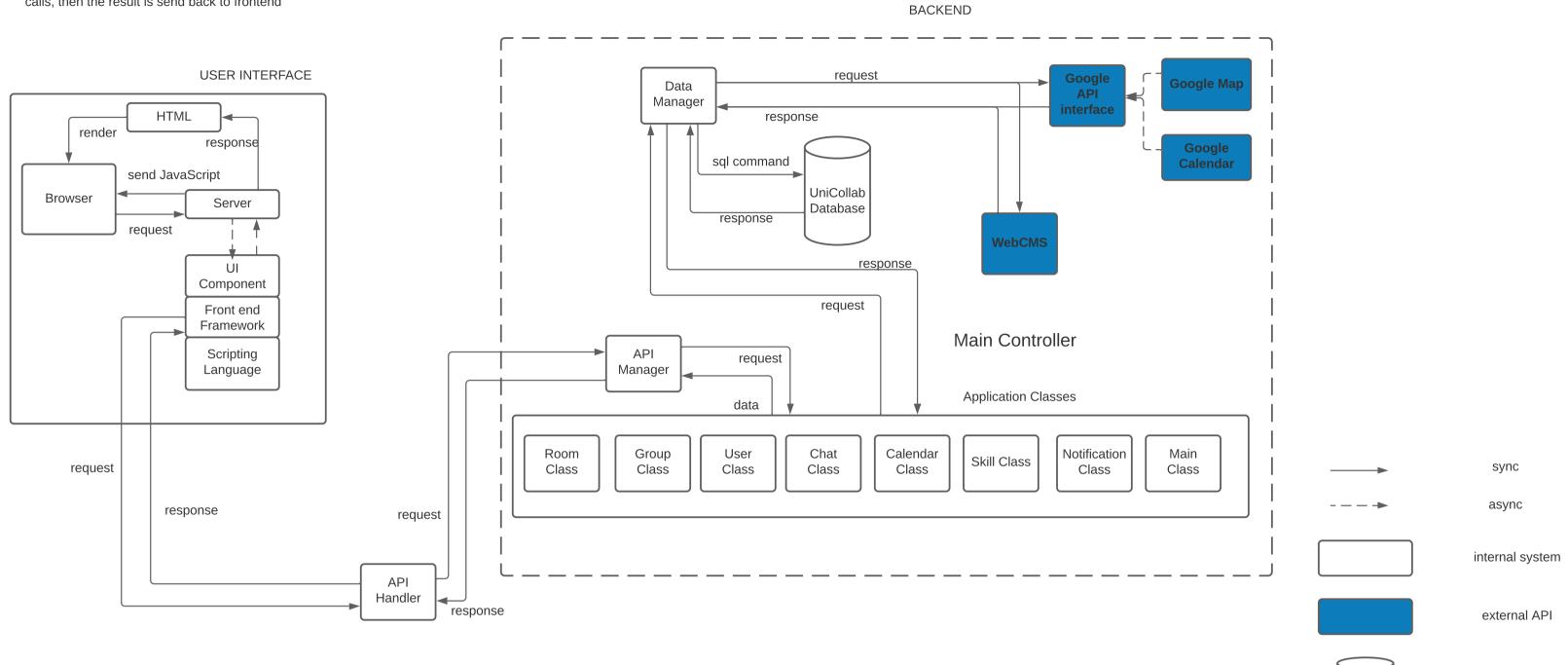# UniCollab Software Architecture

Frontend receives data and send to backend for the OO structure and database to process which involves several API calls, then the result is send back to frontend

BACKEND

USER INTERFACE

HTML

render

send JavaScript

Browser

Server

response

request

UI Component

Front end Framework

Scripting Language

request

response

API Handler

request

response

Data Manager

request

response

Google API interface

Google Map

Google Calendar

sql command

UniCollab Database

response

WebCMS

response

request

Main Controller

API Manager

request

data

Application Classes

Room Class	Group Class	User Class	Chat Class	Calendar Class	Skill Class	Notification Class	Main Class

sync

async

internal system

external API

database