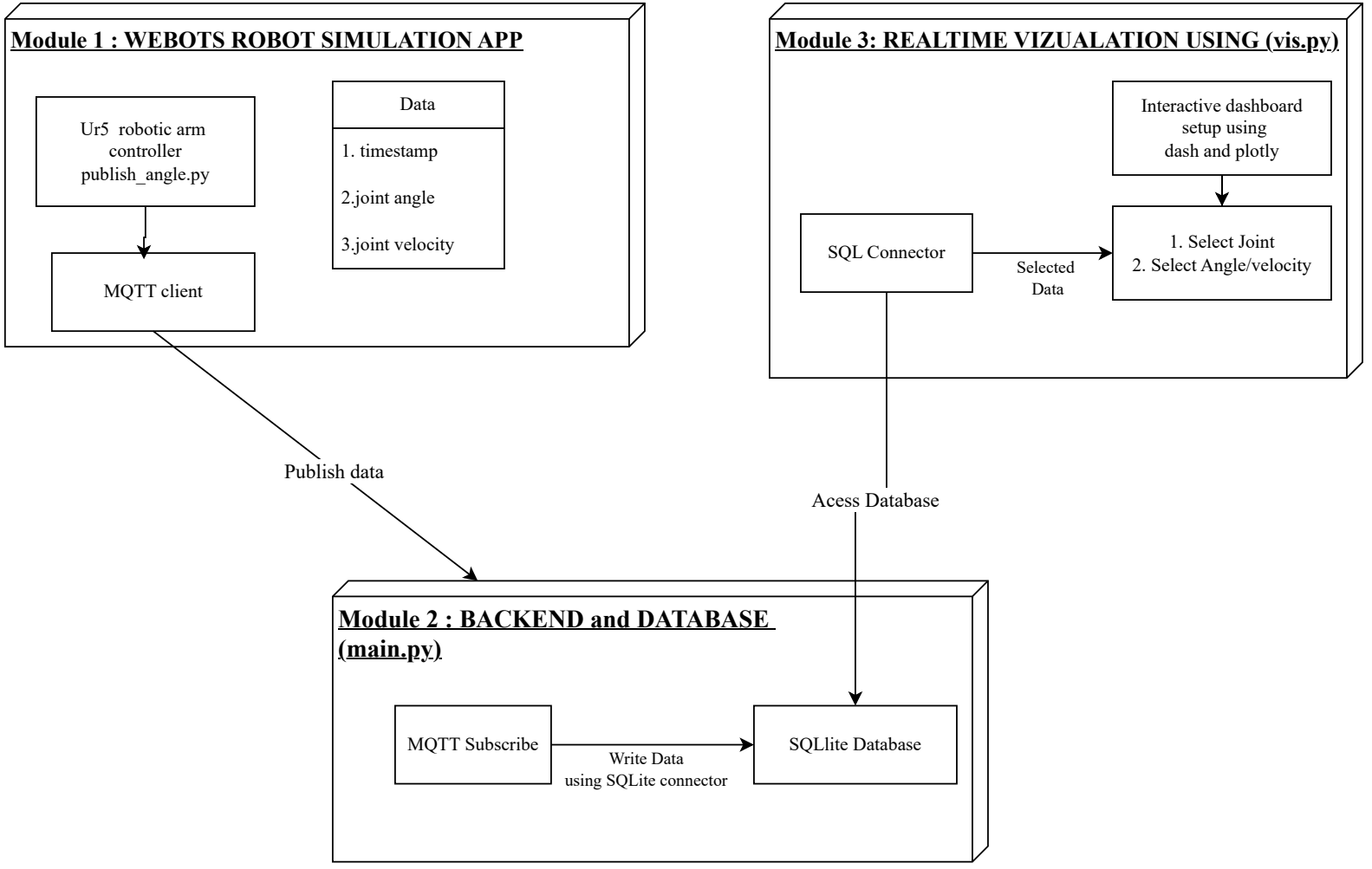
Module 1 : WEBOTS ROBOT SIMULATION APP
Ur5 robotic arm controller publish_angle.py
MQTT client
Data
1. timestamp
2.joint angle
3.joint velocity
Module 3: REALTIME VIZUALATION USING (vis.py)
Interactive dashboard setup using dash and plotly
SQL Connector
Selected Data
1. Select Joint
2. Select Angle/velocity
Publish data
Acess Database
Module 2 : BACKEND and DATABASE (main.py)
MQTT Subscribe
Write Data using SQLite connector
SQLlite Database