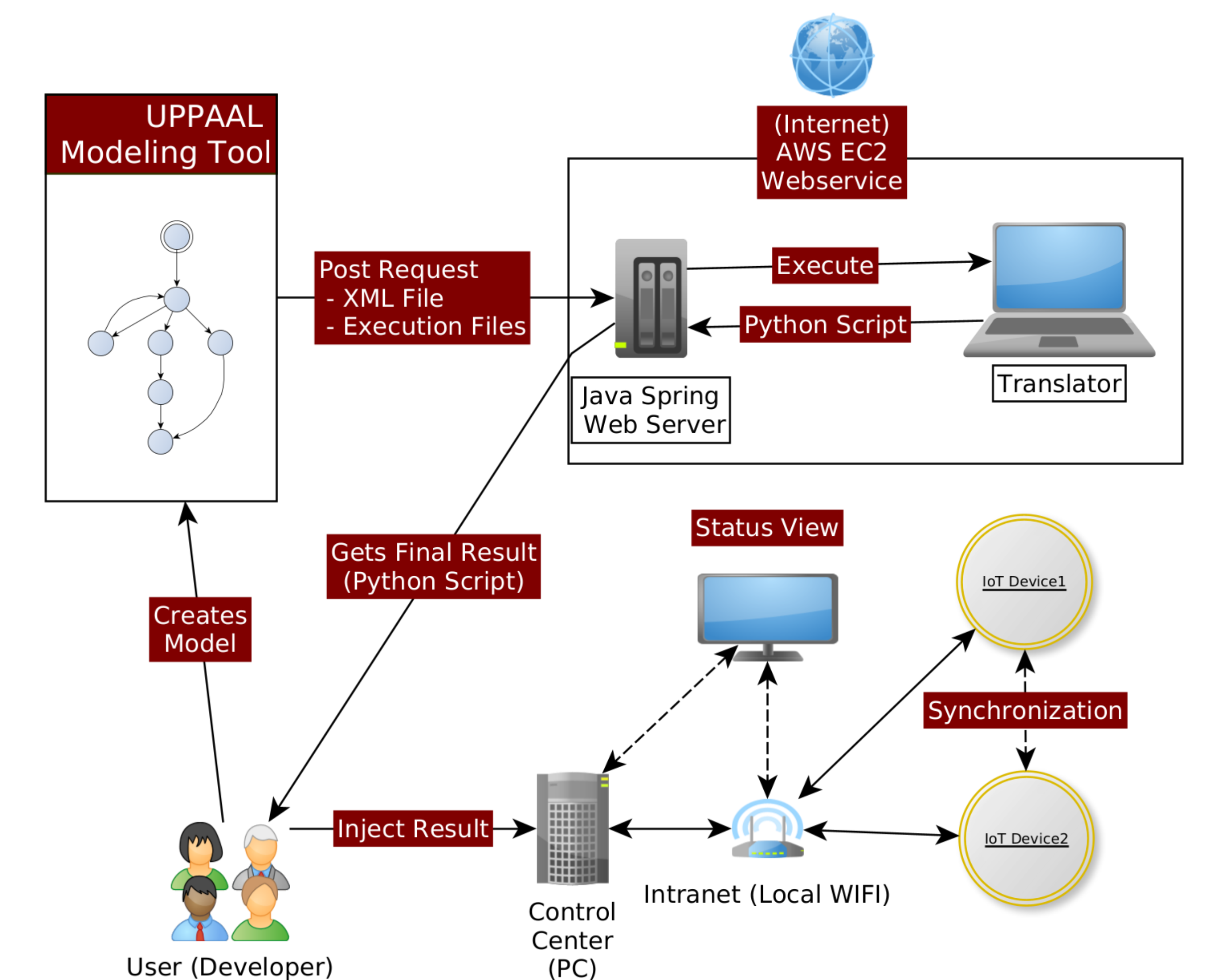
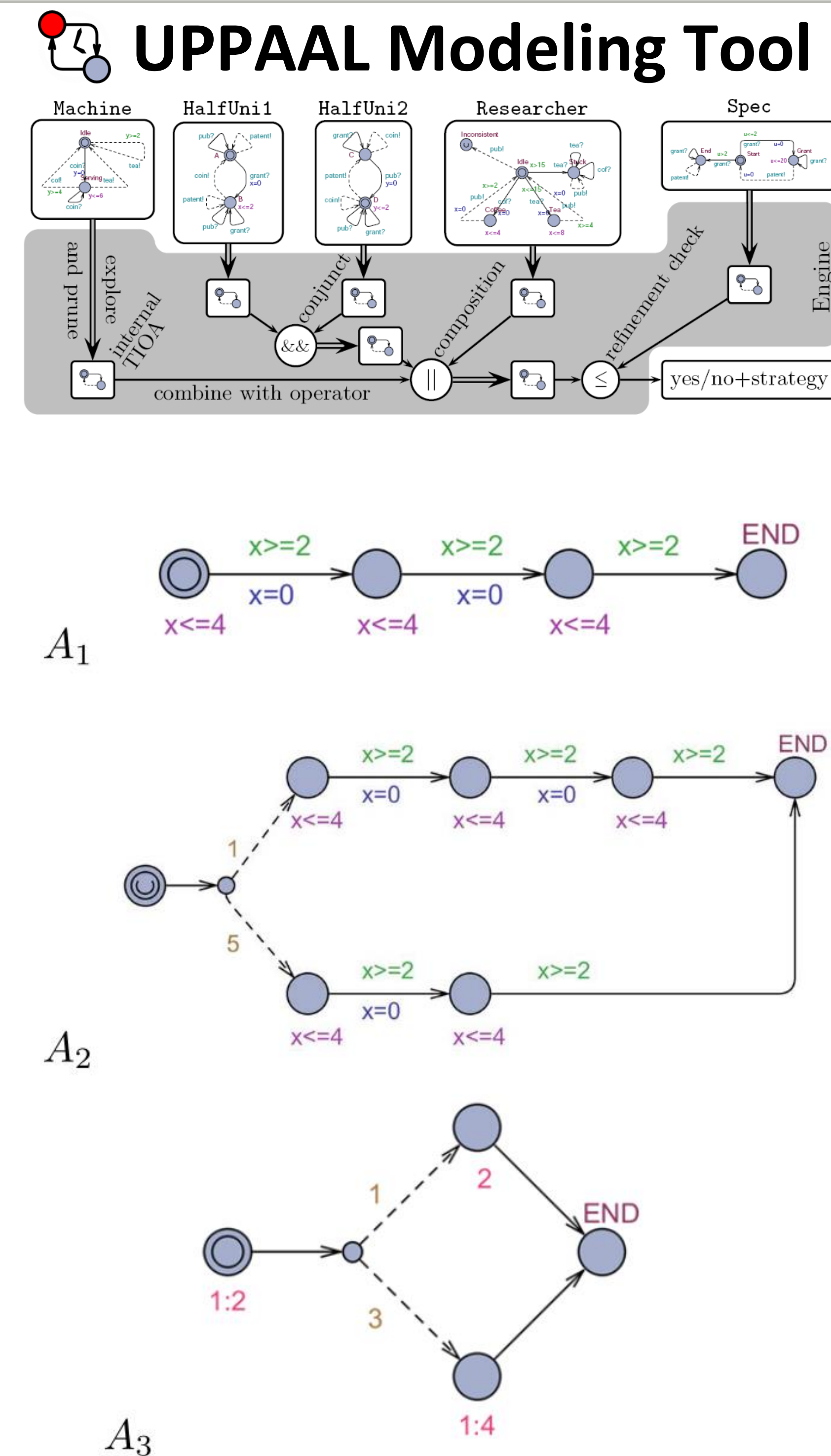


- Translator can accept and generate codes based on UPPAAL models
- Translator can accept predefined device execution files
- Website application is provided for increased accessibility of the tool
- Translator can accept multiple synchronized model templates

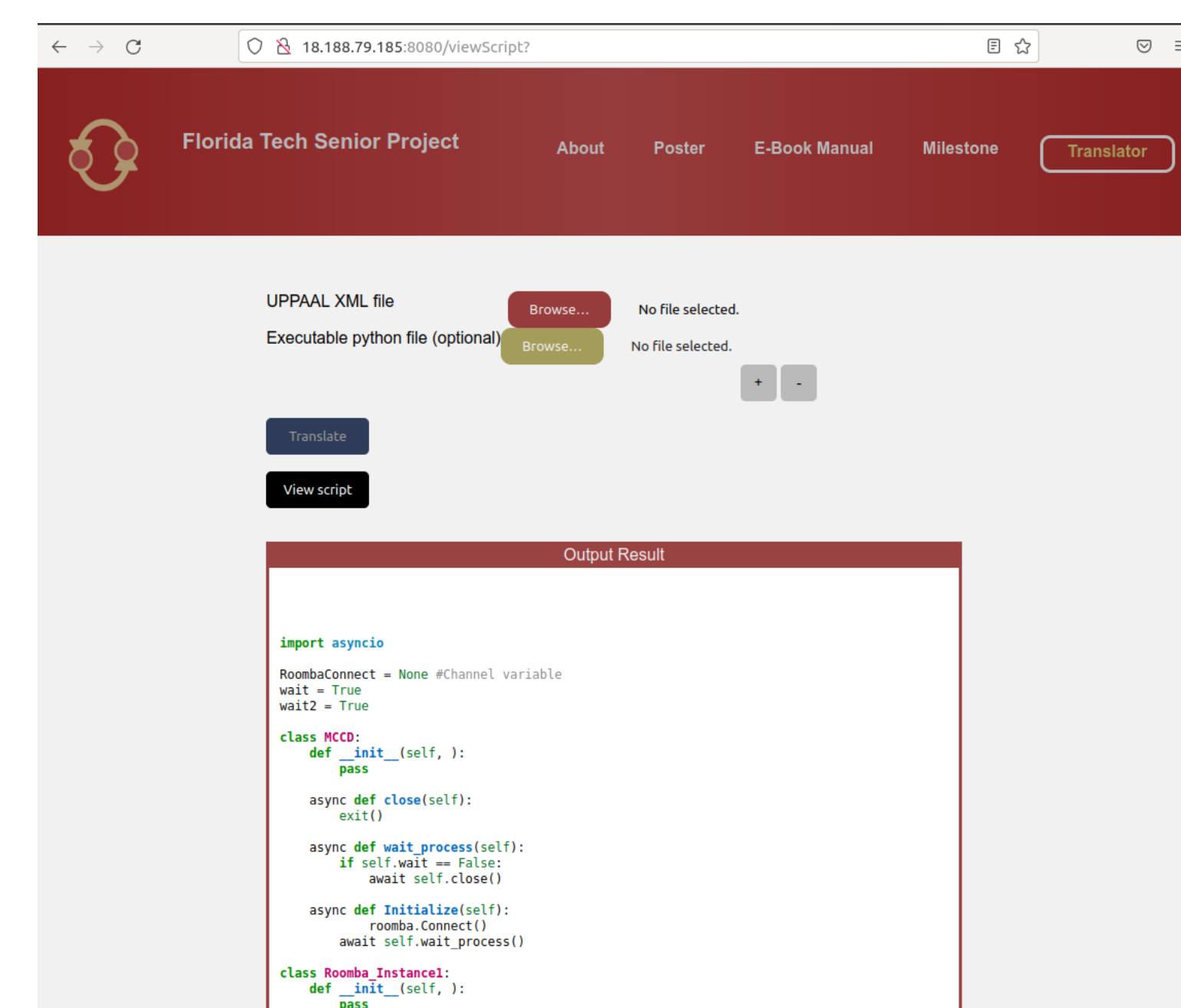


Model-based IoT Translator is a logical software that translates the UPPAAL model into entity objects to produce executable and deployable codes for IoT devices.

- More features on inline code handling
- Interoperability with other programming languages
- Increase utilization of predefined codes
- Simulator for the Translator output

- Home appliance control infrastructure
- Planet exploration infrastructure
- Security IoT Platform
- Car IoT platform
- IoT devices using Python script

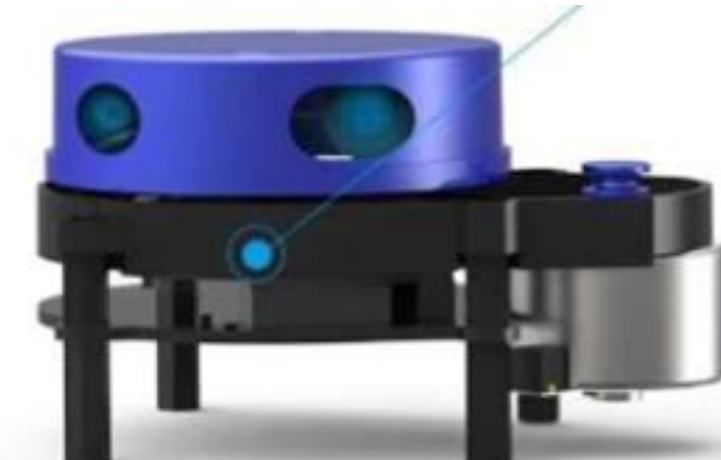
Translator webservice



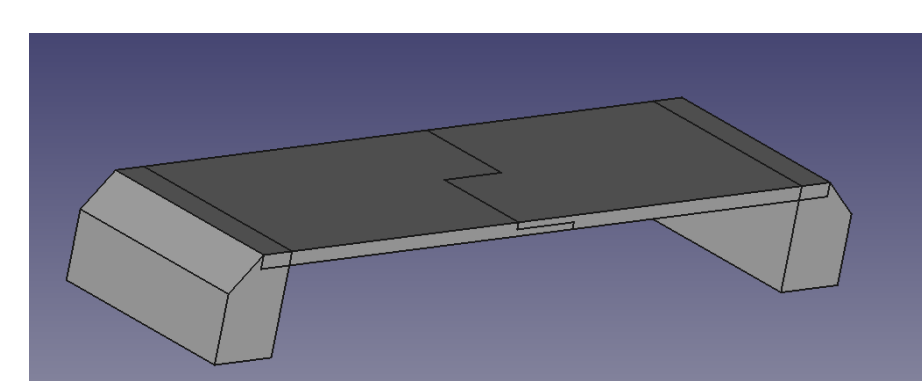
Roomba for execution test



Rotational laser
range scanner



3D Printed Mount



Visual Result of Room Mapping

