

Gantt Chart

Demo 1

Demo 1.1

- Web server - Register user with e...
- Web server - Authenticate the user...
- Android - Login/register UI
- Android - Send auth token REST re...

Demo 1.2

- Web Server - Store the state of t...
- Web Server - Endpoint for turning...
- Web Server - Endpoint for retriev...
- Web Server - Establish WebSoc...
- Web Server - Send servo comman...
- Android - UI to display a list of ro...
- Android - Light switch toggle UI
- Android - Send light on/off request
- Robot - Temporary client on DICE...
- Robot - Establish WebSocket with...
- Robot - Receive servo commands
- Robot - Construct the LEGO switc...
- Robot - Connect the servo to Ard...

Demo 2

Demo 2.1

- Web Server - Endpoint to register a...
- Web Server - Return list of robots r...
- Android - UI for registering a new r...
- Robot - Assign each robot a hard-c...

Demo 2.2

- Web Server - Endpoint to send cali...
- Web Server - Endpoint to receive c...
- Android - Dynamically build UI for ...
- Android - Send calibration paramet...

Demo 2.3

- Web Server - Endpoint to get the c...
- Web Server - Store current tempera...
- Web Server - Endpoint to update t...
- Android - Send the desired temper...
- Android - UI to choose the desired ...
- Robot - Construct the LEGO dial grip

Demo 3

Demo 3.1

- Robot - 3D print case for the contro...
- Robot - 3D print light switch grip

Demo 3.2

- Web Server - Create Alexa skills sc...
- Web Server - Add Alexa endpoints ...

Demo 3.3

- Web Server - Endpoint for unlockin...
- Android - UI for unlocking/locking b...
- Android - Send requests to lock/unl...
- Robot - Build grip to manipulate bol...

Demo 4

Demo 4.1

- Web Server - Create a push notifica...
- Web Server - Receive battery statu...
- Android - Register for push notificat...
- Robot - Send battery status over ...

Demo 4.2

- Web Server - Store sensor data sen...
- Web Server - Endpoint for requesti...
- Web Server - Endpoints for adding/...
- Web Server - Send servo command...
- Android - UI for configuring a trigger

