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- RPi3 Elixir Nerves
 - ElixirALE - Stoplight and momentary switch
 - Elli - HTTP interface

System Overview



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- iPad

- iOS app responding to tap gestures

- Interaction
 - RPi3 is placed in “pairing” mode
 - iPad pairs with RPi3
 - iPad logs into the RPi3
 - iPad controls RPi3 stoplight via JSON API

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RPi3 Application Structure