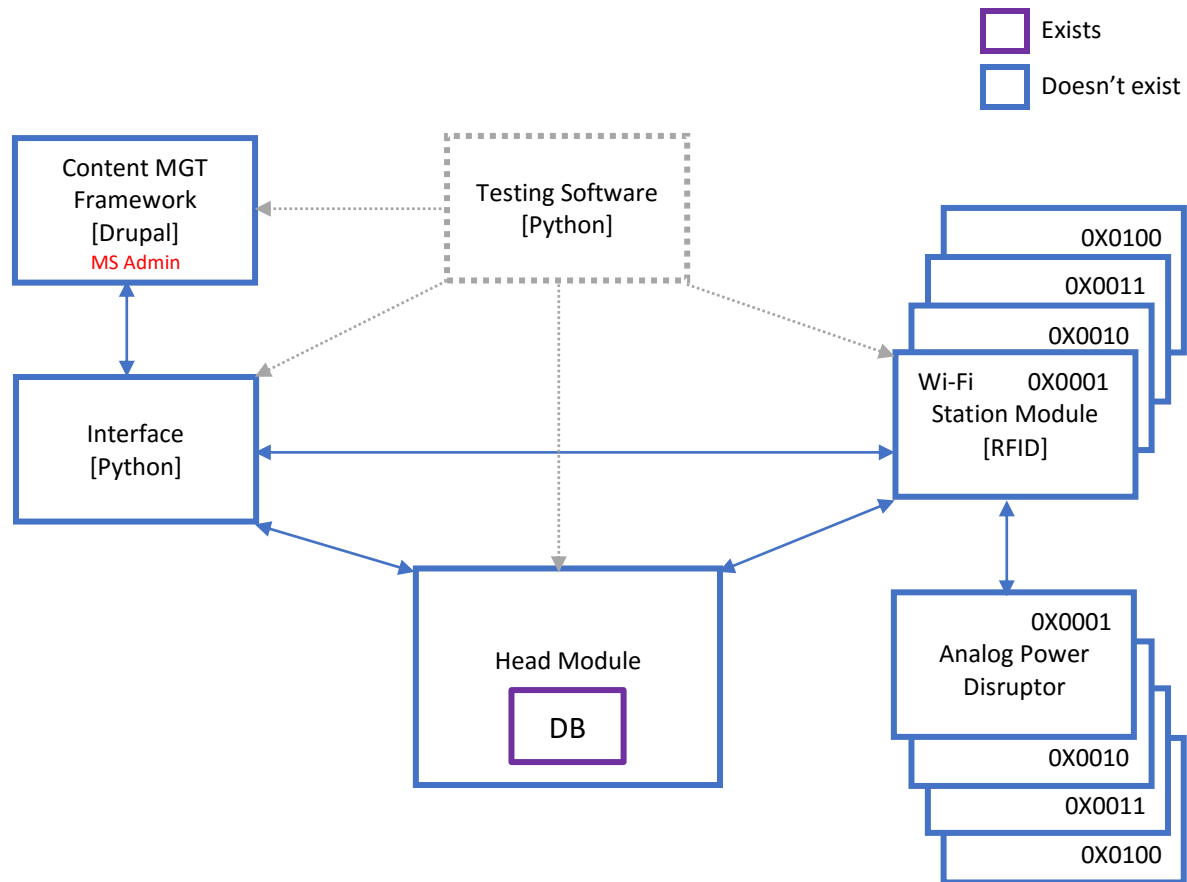


Capstone Team 37: Meeting Minutes
10 January, 2017
Present: J. Blasch, T. Gilbert, JP Grattan

Topic: Flesh out project for proposal

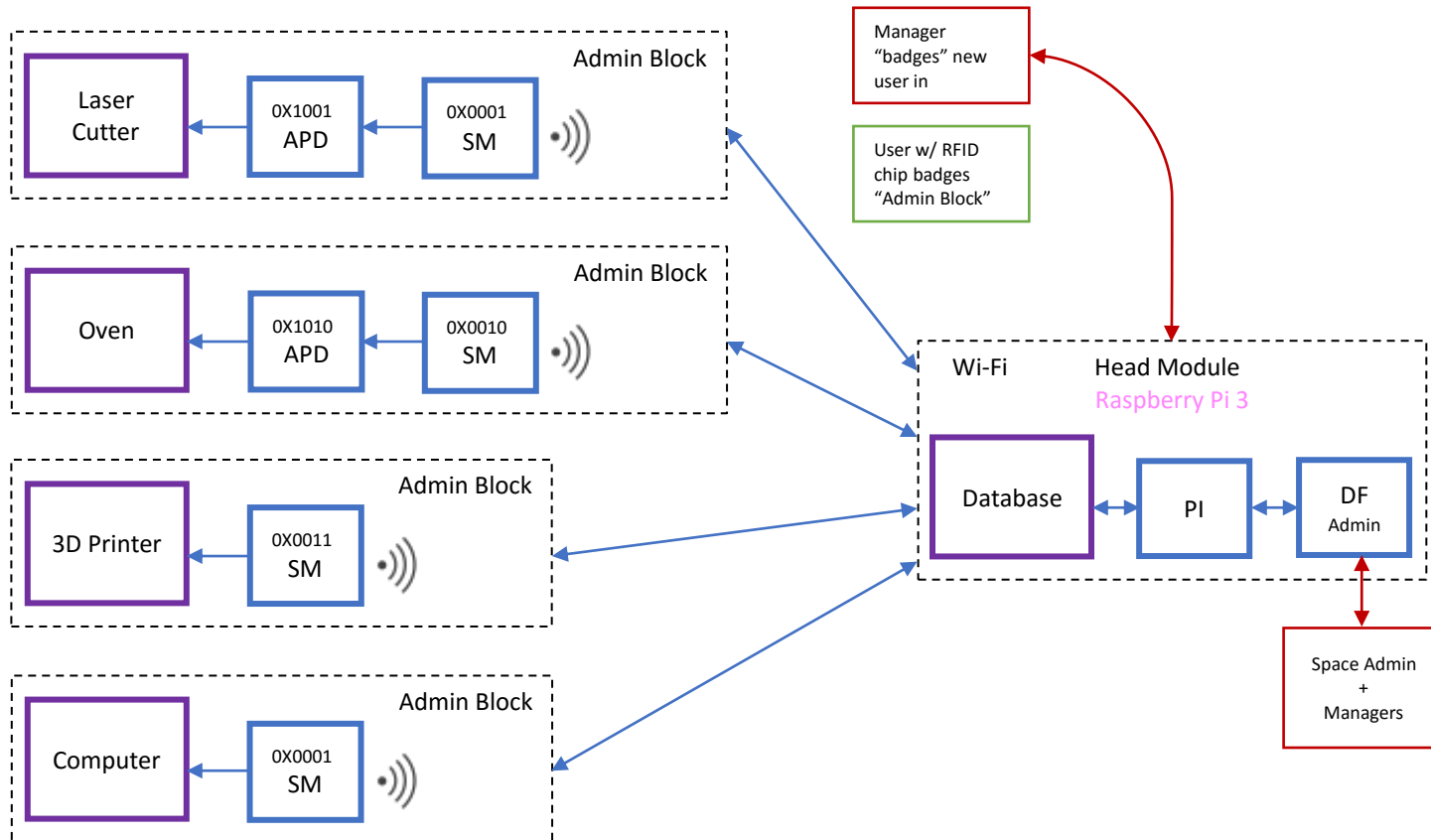
White Board #1

Block diagram of design components



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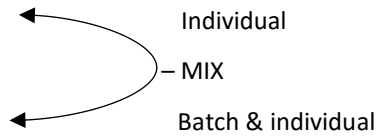
Whiteboard #2
Block diagram of interface setup



Whiteboard #3
Design Questions

SM = Station Module

How does a new user get added to the “list”?

- Manager badges twice within 1 second and within x-seconds the user badges.
 - Manager badges and, while the manager pushes a button, the user badges.
 - Manager accesses Drupal frontend and manually adds user.
- 
- Individual
– MIX
Batch & individual

What does a “pass” event look like?

User puts RFID card to SM. SM communicates wirelessly with database and receives “pass”. SM sends signal to APD to turn on and credentials to log in to computer.

Perhaps audio and visual “pass” signal for manager?

What does a “fail” event look like?

User puts RFID card to SM. SM communicates wirelessly with database and receives “fail”. SM alerts with audio and visual signal.

How does the SM pass credentials?

This is uncertain and subject to further investigation. It is physically attached to the computer, so perhaps USB.

How does the SM communicate with the APD?

This is uncertain and subject to further investigation. It is physically attached to the APD, so perhaps I²C.