



University of Colorado  
Boulder

# MAGIC WAND

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**UNDER THE GUIDANCE OF:**

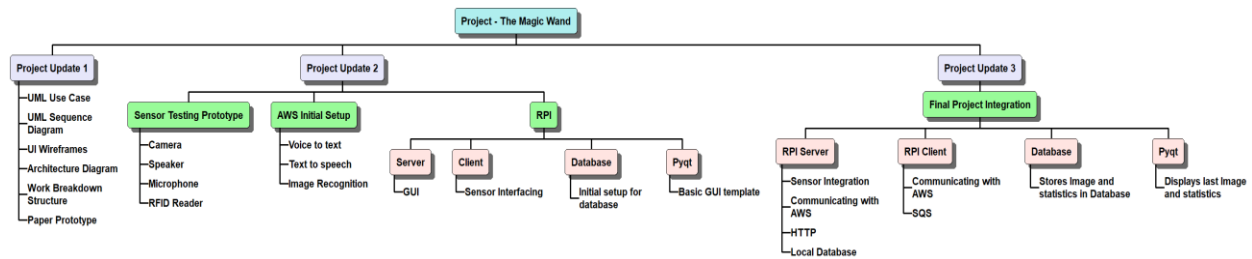
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# UPDATED WORK BREAKDOWN STRUCTURE



All tasks as specified in Project Update 2 in the above WBS image has been completed.

Some stuff such as SQS initializing local database has been moved to Project Update 3. These tasks are the same as completed in the previous assignments and would be completed quickly in the next update.

## COMPONENT LIST

1. Camera to Server Pi
2. Speaker to Server Pi
3. Microphone to Server Pi
4. Server Pi to AWS Voice to text
5. Server Pi to AWS Image Recognition
6. AWS Image Recognition to AWS Text to speech
7. AWS text to speech to Server Pi
8. AWS Voice to text to AWS SQS
9. AWS SQS to Client Pi
10. AWS Image Recognition to AWS SQS.
11. Client Pi to Local Database
12. Client Pi Display
13. RFID to Client Pi