

WN 9 (01-07)							WN 10 (08-14)							WN 11 (15-21)							WN 12 (22-28)							WN 13 (29-04)							WN 14 (05-11)							WN 15 (12-18)							WN 16 (19-25)							WN 17 (26-02)							WN 18 (03-09)							WN 19 (10-16)													
Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo														
23	24	25	26	27	28	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	01	02	03	04	05	06	07	08	09	10	11	12	13				

Strainer Mechanism
24.02.2021 - 13.04.2021

Strainer Mechanism

- shaneo Design Strainer Mechanism
- CAD
- Design Strainer Mount
- Testing and Redesign

Control Tower
17.03.2021 - 25.04.2021

Control Tower

- shaneo Design control tower
- Determine camera position relative ...
- CAD
- Test fit and redesign

Interface Between CV a...
28.02.2021 - 26.04.2021

Interface Between CV and Hardware

- ibasow Decide on Interface
- Decide on CV Camera
- Test motor and sensor interaction
- Create database of ingredients/cook...
- Test motors interacting with time an...

Computer Vision Algori...
27.02.2021 - 18.04.2021

Computer Vision Algorithm

- cchi1 Gather sample footage
- Preprocessing for video frames (thr...
- Fishball identification
- Tofu identification
- Testing & Tweaking
- Gather sample footage with strainers
- Bok Choy idenfication
- Set up Jetson Nano & Camera
- Meat identification
- Shiitake mushroom identification
- Gather sample footage with final set...
- Adapt initial algorithm to final setup
- ibasow Gather sample footage
- Gather sample footage with strainers
- Gather sample footage with final set...
- shaneo Gather sample footage
- Gather sample footage with strainers
- Gather sample footage with final set...

UI
07.04.2021 - 10.05.2021

UI

Create basic UI

Integration
07.04.2021 - 08.05.2021

TASK

Integration

Class Presentations and...
12.02.2021 - 13.05.2021

TASK

Class Presentations and Papers

Create pl...

Integrate CV with moto...

Add strainers and show which food is in what ...

Allow for user input to add time to strainer

Final Testing/Tweaking

Test LED reactio...

Final Testing/Tweaking

Desig... Design Document

Final Report

Final Presentation Slides