Scrum Meeting Notes

Meeting times:
Tues: 2:30
Thurs: 2:30

Scrum Master Order:
1. Grady
2. Justin
3. Josh
4. Daniel
5. Kieran

Scrum Results Sheet:

Team Number: 11   Date: January 19, 2021

Name #1	Grady
	Since last scrum: N/A
	Working on until the next scrum: Come up with one idea
	Roadblocks: None
Name #2	Justin
	Since last scrum: N/A
	Working on until the next scrum: Come up with one idea
	Roadblocks: None
Name #3	Josh
	Since last scrum: N/A
	Working on until the next scrum: Come up with one idea
	Roadblocks: None
Name #4	Daniel
	Since last scrum: N/A
	Working on until the next scrum: Come up with one idea
	Roadblocks: None
Name #5	Kieran
	Since last scrum: N/A
	Working on until next scrum: Come up with one idea
	Roadblocks: None

Scrum Results Sheet:

Team Number: 11   Date: January 21, 2021

Name #1	Grady
	Since last scrum: Come up with a basic high level idea to present to the group.
	Working on until the next scrum: Add 2-3 points to the high level design/requirements document
	Roadblocks: None
Name #2	Justin
	Since last scrum: Come up with a basic high level idea to present to the group.
	Working on until the next scrum: Add 2-3 points to the high level design/requirements document
	Roadblocks: None
Name #3	Josh
	Since last scrum: Come up with a basic high level idea to present to the group.
	Working on until the next scrum: Add 2-3 points to the high level design/requirements document
	Roadblocks: None
Name #4	Daniel
	Since last scrum: Come up with a basic high level idea to present to the group.
	Working on until the next scrum: Add 2-3 points to the high level design/requirements document
	Roadblocks: None
Name #5	Kieran
	Since last scrum: Come up with a basic high level idea to present to the group.
	Working on until next scrum: Add 2-3 points to the high level design/requirements document
	Roadblocks: None

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: January 26, 2021

Name #1	Grady
	Since last scrum: Add 2-3 points to the high level design/requirements document
	Working on until the next scrum: Requirements
	Roadblocks:
Name #2	Justin
	Since last scrum: Add 2-3 points to the high level design/requirements document
	Working on until the next scrum: Comparison/Conclusion
	Roadblocks:
Name #3	Josh
	Since last scrum: Add 2-3 points to the high level design/requirements document
	Working on until the next scrum: Comparison/Conclusion
	Roadblocks:
Name #4	Daniel
	Since last scrum: Add 2-3 points to the high level design/requirements document
	Working on until the next scrum: Solution 2
	Roadblocks:
Name #5	Kieran
	Since last scrum: Add 2-3 points to the high level design/requirements document
	Working on until next scrum: Finish up solution 1, research on HW acceleration
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: January 28, 2021

Name #1	Grady
	Since last scrum: Requirements, Market identification/strategy/constraints
	Working on until the next scrum: Use case diagram, comparison and selection
	Roadblocks:
Name #2	Justin
	Since last scrum: Comparison/Conclusion
	Working on until the next scrum: Solution 1
	Roadblocks:
Name #3	Josh
	Since last scrum: Comparison/Conclusion
	Working on until the next scrum: Solution 2
	Roadblocks:
Name #4	Daniel
	Since last scrum: Solution 2
	Working on until the next scrum: Solution 2
	Roadblocks:
Name #5	Kieran
	Since last scrum: Research on hardware acceleration
	Working on until next scrum: Solution 1
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Feb 2, 2021

Name #1	Grady
	Since last scrum: Organized info for User Identification and Requirements
	Working on until the next scrum: Requirements slides & Conclusion
	Roadblocks:
Name #2	Justin
	Since last scrum: Planning mobile app
	Working on until the next scrum: High level design slides & document
	Roadblocks:
Name #3	Josh
	Since last scrum: Made mock-up for GUI
	Working on until the next scrum: Market slides & Solution scores
	Roadblocks:
Name #4	Daniel
	Since last scrum: Worked on solution 2
	Working on until the next scrum: Product slide & High level design document
	Roadblocks:
Name #5	Kieran
	Since last scrum: Worked on integrating HW acceleration
	Working on until next scrum: High level design slide & Solution 1 algorithm
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Feb 4, 2021

Name #1	Grady
	Since last scrum: Requirements slides & Conclusion
	Working on until the next scrum: Low level hardware design (component layout)
	Roadblocks:
Name #2	Justin
	Since last scrum: High level design slides & document
	Working on until the next scrum: Low level app design
	Roadblocks:
Name #3	Josh
	Since last scrum: Market slides & Solution scores
	Working on until the next scrum: Severity criteria
	Roadblocks:
Name #4	Daniel
	Since last scrum: Product slide & High level design document
	Working on until the next scrum: Research infrared component (find 5 options)
	Roadblocks:
Name #5	Kieran
	Since last scrum: High level design slide & Solution 1 algorithm
	Working on until next scrum: Low level hardware design (component layout)
	Roadblocks:

<div align="center"><u>Scrum Results Sheet:</u></div>

Team Number: 11   Date: Feb 9, 2021

Name #1	Grady
	Since last scrum: Worked on detailing hardware tasks, hardware interactions
	Working on until the next scrum: Fill in trello board with tasks related to hardware
	Roadblocks:
Name #2	Justin
	Since last scrum: wrote documentation on app design
	Working on until the next scrum: Fill in trello board with tasks related to app
	Roadblocks:
Name #3	Josh
	Since last scrum: Came up with basic severity calculation algorithm, researched some options
	Working on until the next scrum: Fill in trello board with tasks related to severity calculation
	Roadblocks:
Name #4	Daniel
	Since last scrum: Researched infrared camera options
	Working on until the next scrum: Fill in treallo board with tasks related to infrared camera
	Roadblocks:
Name #5	Kieran
	Since last scrum: Came up with encoder layout, tasks
	Working on until next scrum: Fill in Trello board with tasks related to hardware
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Feb 11, 2021

Name #1	Grady
	Since last scrum:
	Working on until the next scrum: Memory, Bluetooth, Wifi
	Roadblocks:needs infrared sensor/camera
Name #2	Justin
	Since last scrum: wrote documentation on app design
	Working on until the next scrum: App layouts
	Roadblocks: not quite sure on how exactly Wifi/
Name #3	Josh
	Since last scrum: Came up with basic severity calculation algorithm, researched some possible options
	Working on until the next scrum: motion detection, severity calculation
	Roadblocks:
Name #4	Daniel
	Since last scrum: Fill in trello board with tasks related to infrared camera
	Working on until the next scrum: Motion detection, app layout
	Roadblocks: Motion detection
Name #5	Kieran
	Since last scrum: Came up with encoder layout, tasks
	Working on until next scrum: MPEG-2: Reference Encoder
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Feb 23, 2021

Name #1	Grady
	Since last scrum: Bluetooth and memory
	Working on until the next scrum: Wifi module
	Roadblocks: Quartus crashed so delayed wifi module
Name #2	Justin
	Since last scrum: App rough UI
	Working on until the next scrum: Implement data structures
	Roadblocks:
Name #3	Josh
	Since last scrum: Severity calculation, motion detection
	Working on until the next scrum: Setup server
	Roadblocks: Server credits
Name #4	Daniel
	Since last scrum: Motion detection, app UI
	Working on until the next scrum: App UI
	Roadblocks:
Name #5	Kieran
	Since last scrum: Reference encoder
	Working on until next scrum: Presentation
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Feb 25, 2021

Name #1	Grady
	Since last scrum: Finished WiFi Module
	Working on until the next scrum: Camera and Infrared
	Roadblocks:
Name #2	Justin
	Since last scrum: Data structure for video
	Working on until the next scrum: Finish data structures in app
	Roadblocks:
Name #3	Josh
	Since last scrum: Motion detection and severity calculation
	Working on until the next scrum: Improving severity calculation
	Roadblocks:
Name #4	Daniel
	Since last scrum: Worked on App UI
	Working on until the next scrum: Downloading the videos
	Roadblocks: Motion detection
Name #5	Kieran
	Since last scrum: Set up the server with ffmpeg
	Working on until next scrum: Deliverables
	Roadblocks:

Team Number: 11   Date: March 2, 2021

Name #1	Grady
	Since last scrum: Finished PIR sensor and I2C connection ip
	Working on until the next scrum: Finish camera by next meeting
	Roadblocks:
Name #2	Justin
	Since last scrum: Data structure for recordings mostly done
	Working on until the next scrum: Video playing converting video format
	Roadblocks:
Name #3	Josh
	Since last scrum: Finishing up motion detection
	Working on until the next scrum: Setting up database
	Roadblocks:
Name #4	Daniel
	Since last scrum: Added support for network requests for server, bluetooth, way to watch videos
	Working on until the next scrum: Design change doc (managing)
	Roadblocks: Bluetooth not available on emulator
Name #5	Kieran
	Since last scrum: Working on encoder interfaces
	Working on until next scrum: Module 2 deliverables
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: March 4, 2021

Name #1	Grady
	Since last scrum: Working on camera
	Working on until the next scrum: Finish camera module
	Roadblocks: Need to verify account
Name #2	Justin
	Since last scrum: Worked on settings, video conversion
	Working on until the next scrum: Finishing video conversion
	Roadblocks: Finding how and where videos are stored in android and how to access them
Name #3	Josh
	Since last scrum: Worked on database and endpoints
	Working on until the next scrum: Research more on setting up endpoints to send video
	Roadblocks:
Name #4	Daniel
	Since last scrum: Report
	Working on until the next scrum: Set up endpoints on the app side
	Roadblocks: Motion detection
Name #5	Kieran
	Since last scrum: Worked on deliverables
	Working on until next scrum: DCT module
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Mar 8th , 2021

Name #1	Grady
	Since last scrum: worked on module2 presentation, camera module
	Working on until the next scrum: controller for camera
	Roadblocks:
Name #2	Justin
	Since last scrum: video conversion, recording data structure
	Working on until the next scrum: fix UI problems
	Roadblocks:
Name #3	Josh
	Since last scrum: server code, endpoints
	Working on until the next scrum: video transfer from server side
	Roadblocks:
Name #4	Daniel
	Since last scrum: worked on endpoints from front end side
	Working on until the next scrum: endpoints from front end side, various ui
	Roadblocks: Motion detection
Name #5	Kieran
	Since last scrum: worked on DCT models
	Working on until next scrum: Hardware acceleration
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Mar 16th , 2021

Name #1	Grady
	Since last scrum: worked on camera module
	Working on until the next scrum: camera
	Roadblocks:
Name #2	Justin
	Since last scrum: video player, added to settings, video export
	Working on until the next scrum: video export and deleting
	Roadblocks:
Name #3	Josh
	Since last scrum: bugs in motion detection
	Working on until the next scrum: video transfer from server side
	Roadblocks:
Name #4	Daniel
	Since last scrum: worked on endpoints from front end side
	Working on until the next scrum: communicate with server
	Roadblocks:
Name #5	Kieran
	Since last scrum: error calculations for motion estimation
	Working on until next scrum: finish motion estimation
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Mar 18th , 2021

Name #1	Grady
	Since last scrum: Camera and YUV testing
	Working on until the next scrum: Create buffer for frame
	Roadblocks:
Name #2	Justin
	Since last scrum: Video exporting and deletion
	Working on until the next scrum: Finish export and revert settings button
	Roadblocks:
Name #3	Josh
	Since last scrum: Video transfer from server side
	Working on until the next scrum: Finish video transfer
	Roadblocks:
Name #4	Daniel
	Since last scrum: Finished endpoints
	Working on until the next scrum: Bluetooth
	Roadblocks:
Name #5	Kieran
	Since last scrum: Worked on Motion Estimation
	Working on until next scrum: Inverse DCT
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Mar 23th , 2021

Name #1	Grady
	Since last scrum: Built initial buffer
	Working on until the next scrum: Finish buffer and test
	Roadblocks:
Name #2	Justin
	Since last scrum: Video saving to android gallery and how to implement default settings
	Working on until the next scrum: Implement default settings and start writing tests
	Roadblocks: Settings crashed
Name #3	Josh
	Since last scrum: Free credits from google cloud, firebase cloud storage for video
	Working on until the next scrum: Integrate with frontend code
	Roadblocks:
Name #4	Daniel
	Since last scrum: Bluetooth, hardware, appside
	Working on until the next scrum: Tests for UI
	Roadblocks:
Name #5	Kieran
	Since last scrum: Inverse DCT
	Working on until next scrum: DMA controller
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Mar 25th , 2021

Name #1	Grady
	Since last scrum:Debugging camera
	Working on until the next scrum: Finish camera and tests
	Roadblocks:
Name #2	Justin
	Since last scrum: Added a test to app
	Working on until the next scrum: Try to resolve error with the app, add default to the settings and add more app tests
	Roadblocks: Issue with an unresolved error in the App
Name #3	Josh
	Since last scrum: Integration on frontend side
	Working on until the next scrum: Finish integration on frontend
	Roadblocks:
Name #4	Daniel
	Since last scrum: Fixed some issues with App, Added test to App
	Working on until the next scrum: Add more app tests and work on bluetooth
	Roadblocks:
Name #5	Kieran
	Since last scrum: Worked on Avalon interfaces
	Working on until next scrum: Motion estimator integration
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Mar 30th , 2021

Name #1	Grady
	Since last scrum:made buffer work, camera correctly displays pixels on VGA monitor
	Working on until the next scrum: work with linux and work on the usb drivers
	Roadblocks:
Name #2	Justin
	Since last scrum: fixing bugs in the app (settings issue)
	Working on until the next scrum: write more UI tests
	Roadblocks:
Name #3	Josh
	Since last scrum: Video transfer from remote storage to the app
	Working on until the next scrum: export/delete functionality
	Roadblocks:
Name #4	Daniel
	Since last scrum: work on bluetooth, app tests
	Working on until the next scrum: work on bluetooth, app tests
	Roadblocks:
Name #5	Kieran
	Since last scrum: motion estimation
	Working on until next scrum: work on camera interface
	Roadblocks:

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Scrum Results Sheet:

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Team Number: 11   Date: Apr 1th , 2021

Name #1	Grady
	Since last scrum: Frame buffer
	Working on until the next scrum: Finish wifi and frame buffer
	Roadblocks:
Name #2	Justin
	Since last scrum: UI test for settings done
	Working on until the next scrum: Tests for data structures
	Roadblocks:
Name #3	Josh
	Since last scrum: Export and delete
	Working on until the next scrum: Download video from streaming
	Roadblocks:
Name #4	Daniel
	Since last scrum: Bluetooth, app tests
	Working on until the next scrum: Bluetooth connection screen, random bits of app
	Roadblocks:
Name #5	Kieran
	Since last scrum: Tests for hardware, camera interface
	Working on until next scrum: camera interface, avalon interface
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Apr 6th , 2021

Name #1	Grady
	Since last scrum: Finished camera testing and fixed linux
	Working on until the next scrum: Networking and the PIR sensor
	Roadblocks:
Name #2	Justin
	Since last scrum: Worked on tests for data structures and integrated with Josh
	Working on until the next scrum: Add local database to the app to store data persistently
	Roadblocks:
Name #3	Josh
	Since last scrum: Integrated server with app
	Working on until the next scrum: Testing and uploading
	Roadblocks:
Name #4	Daniel
	Since last scrum: Reworking first page of app
	Working on until the next scrum: Finish app and work on tests
	Roadblocks: Bluetooth not working on the emulator
Name #5	Kieran
	Since last scrum: Connected the encoder to the camera
	Working on until next scrum: Output from the encoder to main memory
	Roadblocks:

Team Number: 11   Date: April 8th , 2021

Name #1	Grady
	Since last scrum: Working on getting the WiFi to work on Linux
	Working on until the next scrum: Finishing WiFI
	Roadblocks: WiFi drivers not working
Name #2	Justin
	Since last scrum: Added local database to app for recorded data
	Working on until the next scrum: Working on deleting from database, fixing all bugs and improving documentation and tests
	Roadblocks:
Name #3	Josh
	Since last scrum: Writing tests, converting mpg to mp4
	Working on until the next scrum: Uploading function
	Roadblocks:
Name #4	Daniel
	Since last scrum: Changed connection screen on app, only connect to bluetooth once
	Working on until the next scrum: Fixing all bugs and improving documentation and tests
	Roadblocks:
Name #5	Kieran
	Since last scrum: Encoders interface with memory
	Working on until next scrum: Finish encoder
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: April 12th , 2021

Name #1	Grady
	Since last scrum: Got PIR sensor working and connected, worked with kieren to set up ethernet on the board. GOt video sending working
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #2	Justin
	Since last scrum: Worked on app documentation, bug fixes.
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #3	Josh
	Since last scrum: Worked on endpoint for video transfer.
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #4	Daniel
	Since last scrum: Added some additional sorting options to the app and fixed some bugs
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #5	Kieran
	Since last scrum: Finished almost everything for the encoder.
	Working on until next scrum: Prepare for demo
	Roadblocks:

<p style="text-align: center;"><u>Scrum Results Sheet:</u></p>

Team Number: 11   Date: April 12th , 2021

Name #1	Grady
	Since last scrum: Got PIR sensor working and connected, worked with kieren to set up ethernet on the board. GOt video sending working
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #2	Justin
	Since last scrum: Worked on app documentation, bug fixes.
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #3	Josh
	Since last scrum: Worked on endpoint for video transfer.
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #4	Daniel
	Since last scrum: Added some additional sorting options to the app and fixed some bugs
	Working on until the next scrum: Prepare for demo
	Roadblocks:
Name #5	Kieran
	Since last scrum: Finished almost everything for the encoder.
	Working on until next scrum: Prepare for demo
	Roadblocks:

Scrum Results Sheet:

Team Number: 11   Date: Apr 13th , 2021

Name #1	Grady
	Since last scrum:Prepare for demo
	Working on until the next scrum: Work on the project report
	Roadblocks:
Name #2	Justin
	Since last scrum: Prepare for demo
	Working on until the next scrum: Work on the project report
	Roadblocks:
Name #3	Josh
	Since last scrum: Prepare for demo
	Working on until the next scrum: Work on the project report
	Roadblocks:
Name #4	Daniel
	Since last scrum: Prepare for demo
	Working on until the next scrum: Work on the project report
	Roadblocks:
Name #5	Kieran
	Since last scrum: Prepare for demo
	Working on until next scrum: Work on the project report
	Roadblocks:

<u>Scrum Results Sheet:</u>

Team Number: 11   Date: Mar XXth , 2021

Name #1	Grady
	Since last scrum:
	Working on until the next scrum:
	Roadblocks:
Name #2	Justin
	Since last scrum:
	Working on until the next scrum:
	Roadblocks:
Name #3	Josh
	Since last scrum:
	Working on until the next scrum:
	Roadblocks:
Name #4	Daniel
	Since last scrum:
	Working on until the next scrum:
	Roadblocks:
Name #5	Kieran
	Since last scrum:
	Working on until next scrum:
	Roadblocks: