2021/01/23

Patrick Huang:

Done: Proposed 2 project ideas, and dived deep into how to implement these ideas.
ToDo: Pick one idea among 6, and decide on some important deadline and milestone of the project.
Obstacle: No for now

Robin Lai:

Done: Proposed 2 project ideas, and dived deep into how to implement these ideas.
ToDo: Pick one idea among 10, and decide on some important deadline and milestone of the project.
Obstacle: No for now

Justin Wong:

Done: Proposed 2 project ideas, and dived deep into how to implement these ideas.
ToDo: Pick one idea among 6, and decide on some important deadline and milestone of the project.
Obstacle: No for now

Maxon Zhao:

Done: Proposed 2 project ideas, and dived deep into how to implement these ideas.
ToDo: Pick one idea among 10, and decide on some important deadline and milestone of the project.
Obstacle: getting up early for scrum meeting

Zhuoyi Li:

Done: Proposed 2 project ideas, and dived deep into how to implement these ideas.
ToDo: Pick one idea among 10, and decide on some important deadline and milestone of the project.
Obstacle: No for now

2021/01/26

Patrick Huang:

Done: 1. High level discussion the project idea with TA 2. Finish the User and Market Identification / Requirements
ToDo: 1. Complete Project Proposal (High Level Design) 2. Complete PPT 3. workload distribution in details
Obstacle: No for now

Robin Lai:

Done: 1. High level discussion the project idea with TA 2. Finish the User and Market Identification / Requirements
ToDo: 1. Complete Project Proposal (High Level Design) 2. Complete PPT 3. workload distribution in details

Obstacle: No for now

Justin Wong:
Done: 1. High level discussion the project idea with TA 2. Finish the User and Market Identification / Requirements
ToDo: 1. Complete Project Proposal (High Level Design) 2. Complete PPT 3. workload distribution in details
Obstacle: No for now

Maxon Zhao:
Done: 1. High level discussion the project idea with TA 2. Finish the User and Market Identification / Requirements
ToDo: 1. Complete Project Proposal (High Level Design) 2. Complete PPT 3. workload distribution in details
Obstacle: No for now

Zhuoyi Li:
Done: 1. High level discussion the project idea with TA 2. Finish the User and Market Identification / Requirements
ToDo: 1. Complete Project Proposal (High Level Design) 2. Complete PPT 3. workload distribution in details
Obstacle: No for now

2021/01/30
Justin Wong:
Done: Most of the high level designed for the project proposal
ToDo: Finish the project proposal
Obstacle: No for now

Patrick Huang:
Done: GUI and part of the design evaluation part for the project proposal
ToDo: Finish the proposal + Learn how to use VGA
Obstacle: No for now

Maxon Zhao:
Done: Most of high level design specifications and two high level designs pros&cons comparison
ToDo: Finish the proposal and start working on the presentation slides
Obstacle: No for now

Zhuoyi Li:
Done: Most of the high level designed for the project proposal
ToDo: Finish the project proposal+ slides
Obstacle: No for now

Robin Lai:
Done: Most of the high level designed for the project proposal
ToDo: Finish the project proposal+ slides
Obstacle: No for now

2021/02/02
Robin Lai:
Done: presentation slide, peer evaluation, task distribution
ToDo: Prepare for presentation Obstacle: No for now

Justin Wong:
Done: presentation slide, peer evaluation, task distribution
ToDo: Prepare for presentation
Obstacle: No for now

Zhuoyi Li :
Done: presentation slide, peer evaluation, task distribution
ToDo: Prepare for presentation Obstacle: No for now

Patrick Huang :
Done: presentation slide, peer evaluation, task distribution
ToDo: Prepare for presentation
Obstacle: No for now

Maxon Zhao:
Done: presentation slide, peer evaluation, task distribution
ToDo: Prepare for presentation
Obstacle: No for now

2021/02/06
Robin Lai:
Done: distribute presentation slide
ToDo: Prepare for presentation, and do mock presentation during next meeting
Obstacle: No for now

Maxon Zhao:
Done: distribute presentation slide
ToDo: Prepare for presentation, and do mock presentation during next meeting
Obstacle: No for now

Patrick Huang:

Done: distribute presentation slide
ToDo: Prepare for presentation, and do mock presentation during next meeting
Obstacle: No for now

Justin Wong:
Done: distribute presentation slide
ToDo: Prepare for presentation, and do mock presentation during next meeting
Obstacle: No for now

Zhuoyi Li:
Done: distribute presentation slide
ToDo: Prepare for presentation, and do mock presentation during next meeting
Obstacle: No for now

2021/02/09
Patrick Huang:
Done: presentation
ToDo: Decide a fix timeline for our project in the next scrum meeting, test RFS
Obstacle: No for now

Robin Lai:
Done: presentation
ToDo: Decide a fix timeline for our project in the next scrum meeting, test RFS
Obstacle: No for now

Maxon Zhao:
Done: presentation
ToDo: Decide a fix timeline for our project in the next scrum meeting, refine Android app architecture
Obstacle: No for now

Zhuoyi Li:
Done: presentation
ToDo: Decide a fixed timeline for our project in the next scrum meeting, test RFS on Saturday
Obstacle: No for now

Justin Wong:
Done: presentation
ToDo: Decide a fix timeline for our project in the next scrum meeting, start making proof of concept for rendering graphics
Obstacle: No for now

2021/02/13

Justin Wong:
Done: Decided on deadlines
ToDo: Continue writing graphics rendering engine
Obstacle: No for now

Robin Lai:
Done: Decided on deadlines
ToDo: Continue writing Android UI Page
Obstacle: No for now

Maxon Zhao:
Done: Decided on deadlines
ToDo: Continue writing Android Application
Obstacle: No for now

Zhuoyi Li:
Done: Decided on deadlines
ToDo: start designing and implement Rfs board interfaces
Obstacle: No for now

Patrick Huang :
Done: Decided on deadlines
ToDo: C++ game implementation + figure out interface between DE1 board and C++
Obstacle: No for now

2021/02/23

Patrick Huang :
Done: Decided on what have to be done before module 2
ToDo: Module 2 C++ game implementation part
Obstacle: No for now

Maxon Zhao:
Done: Decided on what have to be done before module 2 and distribute work
ToDo: Module 2 Android Application part
Obstacle: No for now

Robin Lai :
Done: Decided on what have to be done before module 2
ToDo: Module 2 Andriod UI design
Obstacle: No for now

Zhuoyi Li:
Done: Specify what have to be done before module 2 and distribute work

ToDo: implement bluetooth interface
Obstacle: not sure if interfacing with 2 rfs boards will work

2021/02/27

Justin Wong:
Done: Written more of graphics rendering module
ToDo: To be able to plot one frame on screen with placeholder textures with the graphics module
Obstacle: Not for now

Zhuoyi Li:
Done: almost finish implement and write bluetooth module
ToDo: test the bluetooth module and start to work on wifi module and interfacing with 2 bluetooth modules
Obstacle: interface with 2 rfs boards still not clear

Patrick Huang :
Done: almost finish the game logic
ToDo: Keep working on Game Logic
Obstacle: Not for now

Robin Lai :
Done: UI design and basic speech recognition logic
ToDo: Keep working on UI design and make some improvement and make a demo on SR logic
Obstacle: Not for now

Maxon Zhao:
Done: UI design and set up backend server on Firebase
ToDo: Keep working on UI design and bluetooth connection
Obstacle: No for now

2021/03/02

Zhuoyi Li:
Done: implemented bluetooth module and set up the wifi serial port
ToDo: implement and test wifi module
Obstacle: can't figure out the bug in bluetooth module

Patrick Huang :
Done: host a zoom meeting
ToDo: Finish M2 report
Obstacle: Absolutely no

Justin Wong :

Done: code for render
ToDo: more debug, optimize
Obstacle: None for now

Maxon Zhao:
Done: Bluetooth module UI and logic for Android app, ready to integrate.
ToDo: module 2 report, clean up and optimize code
Obstacle: None for now

Robin Lai :
Done: Bluetooth module UI and logic for Android app, ready to integrate.
ToDo: module 2 report, clean up and optimize code
Obstacle: None for now

2021/03/06
Robin Lai:
Done: Bluetooth module UI and logic for Android app, ready to integrate.
ToDo: module 2 ppt, clean up and optimize code
Obstacle: None for now

Justin Wong:
Done: Core and some miscellaneous features for graphics renderer, some test files
ToDo: Write more tests, add transparent textures feature, create textures
Obstacles: Might not be able to create all textures in time by myself

Maxon Zhao:
Done: login module that allows users to login, register, reset password with OTP verification as well as testing Bluetooth module
ToDo: module 2 ppt, clean up and optimize code
Obstacle: bluetooth can't find available devices

Zhuoyi Li :
Done: HW bluetooth module worked, able to flash esp8266 wifi dongle, communicate wifi dongle through putty
ToDo: module 2 ppt, writing lua code to allow de1 upload data to Firebase
Obstacle: None for now

Patrick Huang :
Done: game logic can detect when bird hits the pipe or land.
ToDo: module 2 ppt, clean up code
Obstacle: None for now

2021/03/13
Patrick Huang :
Done: game logic
ToDo: start to integrate with FPGA
Obstacle: None for now

Zhuoyi Li:
Done: Wifi module on rfs board can communicate with Firebase through lua script
ToDo: write c code to control wifi module to send get/patch request to database on de1
Obstacle: None for now

Maxon Zhao:
Done: Login, reset password, register use case
ToDo: finish Bluetooth module and integrate with zoey
Obstacle: None for now

Justin Wong :
Done: converting textures to ROM and fixed more bugs
Todo: Write C demo code, integrate with game logic by making QSYS component
Obstacle: 3 midterms this week, cant make much progress this week

2021/03/13
Patrick Huang :
Done: Finished game logic part to integrate with FPGA (spawning pipes)
Todo: Test it in FPGA
Obstacle: No for now

Zhuoyi Li :
Done: finished and tested c code to control wifi module to update game score to firebase database on de1
ToDo: Clean up code for later integration
Obstacle: None for now

Justin Wong :
Done: Written sample C code for ARM CPU use and instructions for including into QSYS as component
ToDo: More tests and aid with integration with game logic
Obstacle: None for now

2021/03/27
Patrick Huang :

Done: Finished refactor C++ code (can spawn pipe with FPGA)
ToDo: Continue refactor C++ code + buy a new VGA port to test the code
Obstacle: Everything looks great!

Zhuoyi Li :
Done: Finish Integrtion of bluetooth communication between Android app and RFS board with Max; Integrate part of Bluetooth c code with Patrick's game logic code; Wifi C code minor bug fix
ToDo: Continue to integrate bluetooth and wifi C code with game logic C++ code with Patrick
Obstacle: None

Maxon Zhao:
Done: Bluetooth module bugfix
ToDo: need to work on create stable Bluetooth connection between two devices and send/receive data. Also need to integrate with other components/teams
Obstacle: Bluetooth module still needs sometime to figure out how to send/receive data and create stable connection

Justin Wong :
Done: Added custom bird color support and fixed overflow error
Todo: Continue writing tests and help integrate
Obstacle: None

2021/04/01
Patrick Huang :
Done: Game Logic Scoring system + Collision Detection + Integrate Game Logic with RFS and FPGA
Todo: Make the game runs faster
Obstacle: Need help from FPGA to solve pipe position overflow problem

Maxon Zhao:
Done: Finish Integrtion of bluetooth communication between Android app and RFS board with Zoey; updated Bluetooth UI
ToDo: Continue to integrate bluetooth module with the rest of android modules.
Obstacle: None

Zhuoyi Li:
Done: Finish Integrtion of bluetooth communication of RFS board with game logic code with Patrick; Finish Integrtion of bluetooth communication between Android app and RFS board with Maxon.
ToDo: Continue to help on final integration.
Obstacle: None

2021/04/07

Patrick Huang :

Done: Integrate and test the game running on de1 with the Android app
Todo: Finish presentation slides and record demo video
Obstacle: None

Maxon Zhao:

Done: Integrate and test the Android app with game running on De1
Todo: Finish presentation slides and record demo video for the App
Obstacle: None

Zhuoyi Li:

Done: Help integrate and test the game running on de1 with the Android app
Todo: Finish presentation slides and change the slides' style to make it looks better
Obstacle: None

Robin Lai:

Done: Integrate and test the Android app with game running on De1
Todo: Finish presentation slides
Obstacle: None