Project Part 2

Title:
EASYL

Vision Statement:

To make a fun, easy to use mobile app that allows quick collaboration with others, whether the user wants to communicate, make assignments, or just doodle.

Who:
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List of requirements:

Business Requirements

ID	Topic	Description	Agile Size
BUS-001	Access	As a Business, I want my teachers to be able to log in and see homework from their student-users that are members of their groups.	3
BUS-002	Legal	As an Administrator I want to make a Terms of Use agreement to avoid liability issues.	1
BUS-003	Access	As a Business, I want to be able to assign drawing assignments to other users within my groups - my students.	2
BUS-004	Access	As a Business, I want to keep track of grades I have assigned, and be able to download a final total for each individual user.	2

User Requirements

ID	Topic	Description	Agile Size
USER-001	Access	As a user I want to be prompted to make a new account when I click new user.	1
USER-002	Collaboration	As a user I want the option to collaborate with people near me using Bluetooth (Or common WiFi or GPS)	20

USER-003	Collaboration	As a user I want to be able to invite other users into my group for file sharing.	1
USER-004	Access	As a user I want to be able to log-in with a userID and password.	2
USER-005	Access	As user I want to be shown all of my EASYL's when I click 'my portfolio'.	2

Functional Requirements

ID	Topic	Description	Agile Size
FUNC-001	System	As a developer I want to allow the option to draw on the screen with one finger and scroll around the area using dual touch.	8
FUNC-002	Access	As a developer I want to allow users to work offline, and doodle on their own devices, to be saved locally, or uploaded to the cloud at a later time.	3
FUNC-003	System	As a developer I want my application to notify users when others have invited them to an EASYL.	2
FUNC-004	Drawing	As a developer I want to allow the use of a customizable color palette, multiple brush sizes, an eraser, a variety of effects, a selection tool and a fill bucket.	8
FUNC-005	System	As a developer I want to host a database of coloring book templates for users to download and be able to color in.	8

Non-Functional Requirements

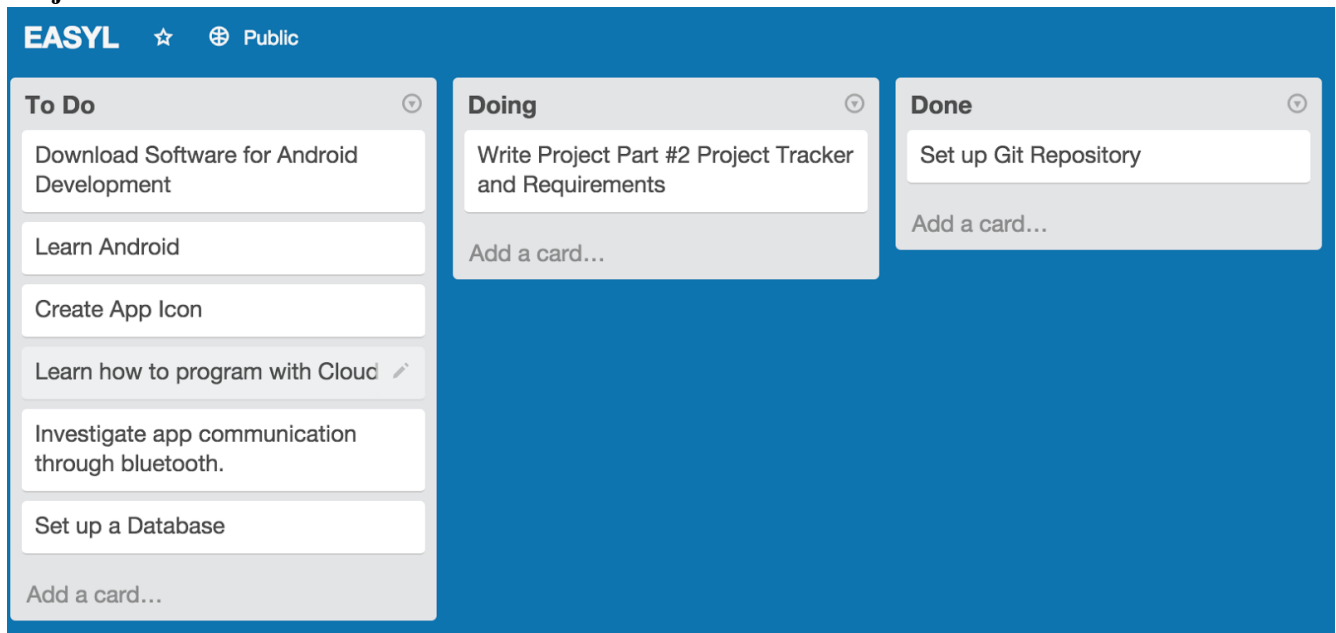| ID	Topic	Description	Agile Size
NONF-001	Security	App should provide a variable of permission to change outside users to read/write on primary users file.	2
NONF-002	Speed	App should have near-instantaneous response time when drawing.	5
NONF-003	Storage	App should have ample cloud storage space.	1/2

Methodology:
We will be using Agile methodology as we expect risk assessment of various steps to be adjusted as we learn more about our project and the technical aspects involved.

Project Tracking Software:
Trello

Link to Project Tracking Software:
https://trello.com/b/0evdLr9c/easyl

Project Plan:

Version Control Repository:
GitHub
https://github.com/DJW0519/CSCI-3308-Project