Project Title:

**Flagway App for the Algebra Project and Young people’s Project**

Student Members:

Deya Banisakher

Md Musfiqur Rahman Sazal

Product Owners:

**Mario Eraso**

Mentors:

**Mohsen Taheri**

Instructor:

**Masoud Sadjadi**

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/12/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Strated reading on Android development.

* What is planned to be done until the next scrum meeting?

· Complete writing my user story.

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Strated reading on Android development.

* What is planned to be done until the next scrum meeting?

· Complete writing my user story.

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/13/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Completed writing User Story.

* What is planned to be done until the next scrum meeting?

· Download necessary software and continue learning Android Development

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Completed writing the user story

* What is planned to be done until the next scrum meeting?

· Download necessary software and continue learning Android Development

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/14/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Continued learning the Android development process (Activity cycle)

* What is planned to be done until the next scrum meeting?

· Continue learning Android Development (UI related)

* What are the hurdles?

· Some complication with understanding the Android documentation for the activity cycle.

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Continued learning the Android development process (UI design)

* What is planned to be done until the next scrum meeting?

· Continue learning Android development (xml design and organization)

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/15/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Continued learning the Android development process (UI desing and xml layout view)

* What is planned to be done until the next scrum meeting?

· Start implementation of 1st simple app (integrate learned knowledge)

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Continued learning the Android development process (xml design and organization)

* What is planned to be done until the next scrum meeting?

· Start the implementation and testing of the dummy app.

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/16/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· NA

* What is planned to be done until the next scrum meeting?

· Start implementation of 1st simple app (integrate learned knowledge)

* What are the hurdles?

· Occupied with personal research duties.

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Started implementation of a dummy app with 2 activities.

* What is planned to be done until the next scrum meeting?

· Test the implementation of the current app and add more activities.

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/19/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Implemented 1st app (including 3 activities and 2 layout groups)

* What is planned to be done until the next scrum meeting?

· Start implemetation of the game prototype app.

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Started working on game level -1 UI design

* What is planned to be done until the next scrum meeting?

· Finish half of the UI design

* What are the hurdles?

· My personal research work

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 10.00 am

End time: 11.00 pm

Date: 9/20/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started implementation of the game prototype app (single activity)

* What is planned to be done until the next scrum meeting?

· Continue implementation of the game prototype app (layout and xml files)

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Done half of UI design based on plan but UI is not that good (discussed with team member)

* What is planned to be done until the next scrum meeting?

· Finish the UI design

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 1.00 pm

End time: 2.00 pm

Date: 9/21/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Finished implementaiton of the game prototype app (empty app with single activity and a layout grid)

* What is planned to be done until the next scrum meeting?

· Start working on integration of the UI designed by Musfiq.

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· UI design is finished

* What is planned to be done until the next scrum meeting?

· Complete the integration task with Deya’s prototype

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/22/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Finished integration of the UI for game level 1 with the prototype app.

* What is planned to be done until the next scrum meeting?

· Test the app on various screens, android os versions, and phones.

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Integration has finished.

* What is planned to be done until the next scrum meeting?

Testing our initial version on real device

* What are the hurdles?

NA

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/23/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Tested the app on various phones, os versions, and screen sizes (all emulated)

* What is planned to be done until the next scrum meeting?

· Sprint planning for sprint 3.

* What are the hurdles?

· A lot of necessary download activity due to various android release versions.

· Android emulator is too slow.

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Testing is done with two different Android verison (5.0 and 6.0) in physical device.

* What is planned to be done until the next scrum meeting?

Sprint Planning for Sprint#3

* What are the hurdles?

· I don’t have different Android version (for example 3,4) in real device

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/26/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started learning more about Android development necessary for current step

* What is planned to be done until the next scrum meeting?

· Analyze user stories and prepare for discussion.

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Learning Android development for the next steps

* What is planned to be done until the next scrum meeting?

Discussion with teammates on user stories and convert those to features

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/27/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Analyzed user stories (extracted stories)

* What is planned to be done until the next scrum meeting?

· Develop an initial UI design for user story # 5 and prepare for discussion

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Extracted features from user stories

* What is planned to be done until the next scrum meeting?

Develop an UI for taking rules from user

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/28/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Sketched an initial UI for user story# 5 and brainstormed about features involved

* What is planned to be done until the next scrum meeting?

· Continue learning necessary Android development knowledge for current step

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Developed a UI for rule interface based on sketch

* What is planned to be done until the next scrum meeting?

Learn more about UI design

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/29/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Continued learning necessary Android development knowledge for current step

* What is planned to be done until the next scrum meeting?

· Continue learning necessary Android development knowledge for current step

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Continued learning on UI design as it should be school student friendly

* What is planned to be done until the next scrum meeting?

Develop a complete UI

* What are the hurdles?

none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 9/30/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Continued learning necessary Android development knowledge for current step

* What is planned to be done until the next scrum meeting?

· Fix problems with image import in App

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· A complete UI is done

* What is planned to be done until the next scrum meeting?

Fit with image

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/3/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Fixed problems with image import in App

* What is planned to be done until the next scrum meeting?

· Research and write code for pixel capture in a LayoutFrame

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Rule interface UI doesn’t fit with image

* What is planned to be done until the next scrum meeting?

Fixed the rule interface

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/4/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Researched and wrote code for pixel capture in a LayoutFrame

* What is planned to be done until the next scrum meeting?

· Design layover image for clickable regions in level 1

* What are the hurdles?

· Laying buttons over images proved to be quite (for a novice) complicated in Android

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· UI of Rule interface is fixed

* What is planned to be done until the next scrum meeting?

Study about how to make image interactive

* What are the hurdles?

None

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/5/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Designed layover image for clickable regions in level 1

* What is planned to be done until the next scrum meeting?

· Write code for clickable regions and direct to inactive(empty) activity

* What are the hurdles?

· Laying buttons over images proved to be quite (for a novice) complicated in Android

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Testing with Emulator and works fine

* What is planned to be done until the next scrum meeting?

Testing with real device

* What are the hurdles?

Not having deep knowledge on Android development

--- Sprint-4 ---

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/10/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started learning how to handle to separate regions on Android Interface

* What is planned to be done until the next scrum meeting?

· Analyze user stories and prepare for discussion.

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Learn how to create pop up box, store user response and

* What is planned to be done until the next scrum meeting?

Discussion with teammates on user stories and convert those to features

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/11/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Analyzed user stories (extracted stories)

* What is planned to be done until the next scrum meeting?

· Separate the clickable and non clickable region

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Extracted features from user stories

* What is planned to be done until the next scrum meeting?

Modified the previous UI as per request of product owner

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/12/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Store and process the user’s response on clickable region

* What is planned to be done until the next scrum meeting?

· Fix some bugs and make a colorful boundary around the region

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Change the input taking window as a pop up box instead of whole screen

* What is planned to be done until the next scrum meeting?

Change all input taking window and make it nicer as the requirements of product owner

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/13/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Outlined the mode, level and range selection

* What is planned to be done until the next scrum meeting?

· Continue learning necessary Android development knowledge for current step

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Works on mode selection specially the mode B

* What is planned to be done until the next scrum meeting?

Implement the validation criteria for future use

* What are the hurdles?

none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/14/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Mode selection is fixed

* What is planned to be done until the next scrum meeting?

· Complete the level selection

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· A complete UI is done

* What is planned to be done until the next scrum meeting?

Fit with image

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/17/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Level selection is done

* What is planned to be done until the next scrum meeting?

· Range Selection

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Validation of three rules are done which will be used the Sprint 5

* What is planned to be done until the next scrum meeting?

Works on taking input for level-2 and Mode B

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/18/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Range selection is done

* What is planned to be done until the next scrum meeting?

· Fix some known issues of range selection

* What are the hurdles?

NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· A version of input algebraic rules for level-2 mode B is done

* What is planned to be done until the next scrum meeting?

Fix issue and complete the input taking option for level-2 and mode B

* What are the hurdles?

None

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/19/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started integration on user story#8

* What is planned to be done until the next scrum meeting?

· Finish the integration part

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Works on integration

* What is planned to be done until the next scrum meeting?

Complete the integration

* What are the hurdles?

Integration is harder if we do not work together at the same time

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/20/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Integration is done

* What is planned to be done until the next scrum meeting?

· Testing for user story #7 on device

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Integration finished

* What is planned to be done until the next scrum meeting?

Testing on real device

* What are the hurdles?

NA

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/21/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Test works fine

* What is planned to be done until the next scrum meeting?

· Work on next user story

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Pass the test

* What is planned to be done until the next scrum meeting?

Work on the next user story after meeting product owner

* What are the hurdles?

NA

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/24/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started learning how to handle to separate regions on Android Interface

* What is planned to be done until the next scrum meeting?

· Analyze user stories and prepare for discussion.

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Learn how to create pop up box, store user response and

* What is planned to be done until the next scrum meeting?

Discussion with teammates on user stories and convert those to features

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/25/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Analyzed user stories (extracted stories)

* What is planned to be done until the next scrum meeting?

· Separate the clickable and non clickable region

* What are the hurdles?

· none

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Extracted features from user stories

* What is planned to be done until the next scrum meeting?

Modified the previous UI as per request of product owner

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/26/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Store and process the user’s response on clickable region

* What is planned to be done until the next scrum meeting?

· Fix some bugs and make a colorful boundary around the region

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Change the input taking window as a pop up box instead of whole screen

* What is planned to be done until the next scrum meeting?

Change all input taking window and make it nicer as the requirements of product owner

* What are the hurdles?

· none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/27/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Outlined the mode, level and range selection

* What is planned to be done until the next scrum meeting?

· Continue learning necessary Android development knowledge for current step

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Works on mode selection specially the mode B

* What is planned to be done until the next scrum meeting?

Implement the validation criteria for future use

* What are the hurdles?

none

Attendees: Deya Banisakher, Musfiqur Rahman

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/28/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Mode selection is fixed

* What is planned to be done until the next scrum meeting?

· Complete the level selection

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· A complete UI is done

* What is planned to be done until the next scrum meeting?

Fit with image

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 10/31/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Level selection is done

* What is planned to be done until the next scrum meeting?

· Range Selection

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Validation of three rules are done which will be used the Sprint 5

* What is planned to be done until the next scrum meeting?

Works on taking input for level-2 and Mode B

* What are the hurdles?

none

Start time: 5:30 pm

End time: 5:40 pm

Date: 11/1/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Range selection is done

* What is planned to be done until the next scrum meeting?

· Fix some known issues of range selection

* What are the hurdles?

NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· A version of input algebraic rules for level-2 mode B is done

* What is planned to be done until the next scrum meeting?

Fix issue and complete the input taking option for level-2 and mode B

* What are the hurdles?

None

Start time: 5:30 pm

End time: 5:40 pm

Date: 11/2/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Started integration on user story#8

* What is planned to be done until the next scrum meeting?

· Finish the integration part

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Works on integration

* What is planned to be done until the next scrum meeting?

Complete the integration

* What are the hurdles?

Integration is harder if we do not work together at the same time

Start time: 5:30 pm

End time: 5:40 pm

Date: 11/3/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Integration is done

* What is planned to be done until the next scrum meeting?

· Testing for user story #7 on device

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Integration finished

* What is planned to be done until the next scrum meeting?

Testing on real device

* What are the hurdles?

NA

Start time: 5:30 pm

End time: 5:40 pm

Date: 11/4/16

<Deya Banisakher>:

* What was done since the last scrum meeting?

· Test works fine

* What is planned to be done until the next scrum meeting?

· Work on next user story

* What are the hurdles?

· NA

<Musfiq Rahman>:

* What was done since the last scrum meeting?

· Pass the test

* What is planned to be done until the next scrum meeting?

Work on the next user story after meeting product owner

* What are the hurdles?

NA