NORTHERN ARIZONA UNIVERSITY

Hayden Aupperle, Gage Cottrell, Peter Huettl, Garrison Smith

Drop the Code

https://github.com/petetetete/cs386-project

D1.1 – Initial Description

CS 386 – Software Engineering

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Marco Gerosa

Proposal Description:

The application is meant to introduce new users to programming graphically by using a drag-and-drop style of programming. The users will be able to do various puzzle style games while using the drag-and-drop method to give them a basic understanding of how to program without actually dealing with the hassle of syntax errors. The items the user can put into the timeline are all functions that can be a command in the puzzle and the user will use a series of commands and functions to solve the puzzle. The main reason for having the app consist of puzzle style games is because it makes programming look fun and simple while teaching the users the basic format of programming. This gives the user the tools to solve the problem in a variety of ways. This style of programming is very similar to how programming is done in Alice because it allows users to write commands by using the drag-and-drop method but with our app there is a set goal for the user from the puzzles we provide. This software would help introduce users to the kind of logical thinking needed to solve problems and can serve as a challenging refresher to experienced programmers. The goal of this application is to lessen the steep learning curve associated with learning to program while being fun for all users. A product such as this could also serve as a useful teaching tool that students will want to use.

Group Participation:

Peter – Created GitHub repository, initially formatted document, and edited proposal.

Hayden – Wrote proposal description.

Garrison – Edited proposal and came up with title.