**Product Backlog**

**for**

**Script-Buddy**

**Version: 1.0**

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**Product Description**

Our product is a software that makes it easy to make scripts in AutoHotKey, a scripting language. **Our target audience** is anyone who has work that requires doing repetitive tasks on computers, but who are not great with computers. **The problem with** AutoHotKey is that inexperienced people are intimidated by coding and so they never get to experience the power of AutoHotKey in their daily lives. Our product **solves** **this problem** by turning scripting into a task that’s as easy to do as clicking a button. (SV)

**Functional Requirements**

*Note: In the following list, user stories are ordered from highest to lowest priority*

1. **As a** teacher,   
   **so that** I can answer questions emails quicky,   
   **I want to** create scripts that automatically generate emails for frequently asked questions. (SB)

Story Point(s): 1

1. **As a** student,   
   **so that** I can easily get to work,   
   **I want to** create scripts that set up the application I use for work.

Story Point(s): 1 (HV)

1. **As a** student,  
   **so that** I can type common words quickly,   
   **I want to** create hotstrings that automatically expand acronyms into their full text. (MK)

Story Point(s): 1

1. **As a** music enjoyer,   
   **so that** I can change my music easier,   
   **I want to** control my music with simple hotkeys. (MK)

Story Point(s): 1

1. **As a** user with many scripts,   
   **so that** I can manage what scripts I use at any given time,   
   **I want to** have a panel for starting, stopping, modifying, and deleting any scripts from within the application. (SV)

Story Point(s): 2

1. **As a** general user,   
   **so that** I can use the scripts I have created,   
   **I want to** be able to run scripts from the application or export them as an AHK file. (SV)

Story Point(s): 3

1. **As a** gamer,   
   **so that** I can have an advantage in-game,   
   **I want to** create macros where I can save mouse movements and keyboard inputs occurring at specific rates/times/intervals. (MK)

Story Point(s): 3

1. **As a** programmer,   
   **so that** I can save and access my progress for any script from any computer,  
   **I want to** be able to upload my scripts to a database. (HV)  
    Story Point(s): 3
2. **As a** helpful programmer,   
   **so that** I can share my work with other people,   
   **I want to** make my scripts accessible to the community through a community accessible list of scripts. (SB)

Story Point(s): 1

1. **As an** inexperienced user,   
   **so that** I can get complicated functionality that I cannot program myself,   
   **I want to** be able to search for scripts from the community by name. (SB)

Story Point(s): 1

1. **As a** more advanced user,   
   **so that** I can write more advanced scripts,   
   **I want to** be able to execute some of my script conditionally, such as if a window is currently open, or if the computer has low battery. (HV)

Story Point(s): 2

1. **As a** programmer,   
   **so that** I can upload scripts to the database,   
   **I want** to be able to create an account and to login to view my community contributions. (MK)

Story Point(s): 3

1. **As a** programmer,   
   **so that** I can keep my workstation secure,   
   **I want to** be able to logout of my account. (SV)

Story Point(s): 1

1. **As a** programmer,   
   **so that** I can have rights to the scripts I have uploaded,   
   **I want to** be able to edit and remove them from the database (MK)

Story Point(s): 1

**Proposed Technical Setup**

Our team will implement this project in .NET using a MySQL database and WPF.

**Lo-Fi User Interface**

Diagram

Description automatically generated

**Window Name:** Main Menu

**Description:** This is the main menu. It is what opens when first starting the program. From this menu users can find access to all function/windows required to use this program. (SB)

Shape, polygon

Description automatically generated

**Window Name:** Login

**Description:** This is the login popup window. From here users will be able to enter their username and password and login to their profile. They can also select to create a new user. (SB)

Diagram

Description automatically generated

**Window Name:** Create Account

**Description:** This is the create account popup window. In this window users will be able to make a new account. (SB)

Graphical user interface

Description automatically generated

**Window Name:** View scripts menu

**Description:** This menu will show the current users scripts, which, when selected, will show information related to the script. From here the user can insert this script into their current script, load the script, or delete the script. The user can also upload their current local save into this list of database scripts. This menu will also show community posted scripts. (SB)

Diagram

Description automatically generated

**Window Name:** Community scripts menu

**Description:** Within this popup window, community scripts are listed and can be selected to be incorporated into the current project or a new one. (SB)

Diagram

Description automatically generated

**Window Name:** Account settings window.

**Description:** Within this window, a user can change their name, username, password, new password.

Diagram, letter

Description automatically generated

**Window Name:** Upload a settings window.

**Description:** Within this window, a user can upload a script to the database, deciding if it will be a community or private project.

Diagram

Description automatically generated

**Window Sequence #1:** This is the basic sequence of windows related to user login / account creation. (SB)

Diagram

Description automatically generated

**Window Sequence #2:** This is sequence of windows from the drop-down menus. (HV)