**Product Backlog**

**for**

**Auto-Easy-Key**

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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.

**Functional Requirements**

1. As a teacher, to answer questions emails quicky, I want to create scripts that automatically generate emails for frequently asked questions.
   1. 1
2. As a student, to easily get to work, I want to create scripts that set up the applications I use for work.
   1. 1
3. As a student, to type common words quickly, I want to create hotstrings that automatically expand acronyms into their full text.
   1. 1
4. As a music enjoyer, to change my music easier, I want to control my music with simple hotkeys.
   1. 1
5. As a general user, to use the scripts I have generated, I want to be able to run scripts from the application or export them as an AHK file.
   1. 3
6. As a gamer, to have an advantage in-game, I want to create macros for my games.
   1. 3
7. As a programmer, to share my work with other people, I want to be able to upload my scripts to a database.
   1. 1
8. 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.
   1. 2
9. 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.
   1. 2
10. As an inexperienced user, to get complicated functionality that I cannot program myself, I want to be able to search for scripts from the community by name.
    1. 1
11. 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.
    1. 3
12. As a programmer, so that I can keep my workstation secure, I want to be able to logout of my account.
    1. 1
13. 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
    1. 1Write up the functional requirements for your project using multiple user stories, each of which follows the template:

As a [kind of stakeholder],  
So that [I can achieve some goal],   
I want to [do some task]

Each of your user stories must also:

1. Be SMART. Pay special attention to *Specific* and *Measurable*. If your user stories have any ambiguity about this, further clarify them until they are clearly specific and measurable.
2. Have story points associated with it. Use 1, 2, 3 or 5 story points.
3. Be numbered and arranged in order of priority.

**Proposed Technical Setup**

You ha ve to implement this project in .NET using a MySQL database and WPF.

**Lo-Fi User Interface**

What will the UI look like? Submit a **storyboard** using diagrams containing rough sketches of your product's user interface. These diagrams should depict the major UI used to implement the user stories you submit. For example, if one of your user stories was to allow a user to initiate a stock purchase, you should draw the initial UI that is presented when the user wishes to purchase a stock, along with any other major windows, messages, etc. that appear as the user navigates through this use case. The diagrams can be drawn by hand or computer. If a window leads to a dialog box, drop-down box, etc., include it as a sub-diagram. Your diagrams do not need to be pretty to get full credit, but they should be clear and legible. The main point is to illustrate your thoughts about what information should be shown and how the user will use the software.