**CS1530 – SPRINT 1 DELIVERABLE**

**PROJECT:** Cemetery Plotter

**MEMBERS:**

* Jiajie Dang – Software Engineer
* Michael Faller – Software Engineer
* Daniel Kindler – Project Manager
* William Rossi – Quality Assurance
* Xiaokai Wang – Software Engineer

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**USER STORY BACKLOG** (Ranked)

* As a user, I want the plots to be organized in a gridded system (ex: G20, F52) in order to better locate plots.
* As a user, I want to be able to categorize plots as unused, used, available/ready, reserved/purchased so that I can manage usage of the land.
* As a user, I want to be able to search for names of those who are in the cemetery to find what plot they are located in.
* As a user, I want to be able to search for names of people who made purchases so that I can get a list of all the plots they reserved or own.
* As a user, I want to be able to get all the information of a specific person by searching the location of the plot he is located in so I will not have to look in other files or databases.
* As a user, I want to be able to update the status of a plot and add, remove, or modify its associated information so that I can keep accurate records.
* As a user, I want to be able to view a visual representation of the plots in each section of the cemetery so that I can quickly determine who is interred in a specific location.
* As a user, I want to be able to list all the vacant plots for when we need to find a location for a new purchase or burial.
* As a user, I want the price to be attached on each plot, so I can easily manage the price.
* As a user, I want to be able to attach a picture of each site so that I can have a visual reference.
* As a user, I want to be able to pay with credit cards in the system, so payments from customers can be automated.
* As a user, I want a plot comparison function, so I can compare the price, location and other stuffs.
* As a user, I want to be able to get an automatic notification when certain rates (for example 90%) of the plots have been occupied so that I can make plans to use new areas.

**TESTING OUTLINE**

Blah blah blah.

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**DECISION DESCRIPTION**

Blah blah blah.

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