**{Dacracy for COVID-19}**

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**Version: v0.5**

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| **USE CASE NAME:** | DACRACY | | **USE CASE TYPE** |
| **USE CASE ID:** | 001 | | Business Requirements: **□** |
| **PRIORITY:** | Top | | System Analysis:□ |
| **SOURCE:** | GitHub | | System Design: **🗹** |
| **PRIMARY BUSINESS ACTOR** | Andrew Childress | | |
| **PRIMARY SYSTEM ACTOR** | Shaishav Maisuria | | |
| **OTHER PARTICIPATING ACTORS:** | * Joel Hall * Tray Keller | | |
| **OTHER INTERESTED STAKEHOLDERS:** | * Anastasia Meggison | | |
| **DESCRIPTION:** | Data analysis of COVID-19 by pulling CSV files from multiple sites and creating interactive and helpful graphs that provide new information about the pandemic | | |
| **PRE-CONDITION:** | * The user needs to pull CSV data to be worked on by the program. * The user must make sure the data is up to date before running it in the program for the correct information to be implemented | | |
| **TRIGGER:** | * User opens and runs the program | | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** | |
| **OF EVENTS:** | **Step 1**: User opens and runs the program | **Step 2**: Program opens the HTML files | |
|  | **Step 3:** User may now interact with the website and graphs | **Step 4:** The system outputs a number count for each section of the graph | |
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| **ALTERNATIVE COURSES:** | User fails to run the program and becomes confused | | |
|  | User has the wrong CSV files | | |
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| **CONCLUSION:** | With proper use the user should be able to view interactive charts on COVID-19 | | |
| **POST-CONDITION:** | Displays interactive charts on COVID-19 | | |
| **BUSINESS RULES** | * Displays accurate data on COVID-19 | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * Currently have no way to change the HTML of the site | | |
| **ASSUMPTIONS:** | * Dash will be implemented so we can change the HTML and will just make it generally easier to implement graphs | | |
| **OPEN ISSUES:** | None | | |