1. Project Scope:

Create a program that interacts with NASA api that gives weather on mars

1. Functional Objectives:

* 1. High Priority
     1. Upon starting program, program will access api and display in command line
        1. Data includes whatever statistics we are given such as temperature, wind, sand, rain etc.
  2. Medium Priority
     1. Institute more options as currently two choices is kinda lame
     2. Make an interface in which users are prompted if they want iss information or mars information.
     3. Upon making their decision users can enter which choice they would like
     4. Data will appear in command line that will describe either of the options
  3. Low Priority
     1. Make pictures corresponding to each different choice appear that change every time and are pulled from nasa image api
     2. Make a web app or console.

1. Use Case Descriptions

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| Use case name: | Mars 7-day sol calendar with weather |
| Summary: | Users can input an integer from 1 to 7 in order to get extensive weather information on this number of past sols on mars. |
| Basic flow | 1. Program prompts user on how many of the previous 7 sols they want extensive martian weather for. 2. Program will then print the information in command line |
| Alternative flows: | 2. If number is less than 1 or decimal or more than 7 program will prompt again |
| Preconditions: | Program is running |
| Postconditions: | Program returns to the beginning if the user wants to get different information |
| Business rules: | Of course no letters and decimals will be accepted and the program will prompt again. |
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