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Google Calendar Project – Use Cases

**Use Case #1: Add a new event**

|  |  |  |
| --- | --- | --- |
|  | **User Action** | **System Response** |
| 1 | User clicks the “Create” button |  |
| 2 |  | System prompts for all event details |
| 3 | User enters in all details about event, such as event name, date and time |  |
| 4 | Click submit |  |
| 5 |  | System validates details and adds the new event to calendar and goes back to display the current view |

Variation #1:

1. In step 4, when user clicks submit, if a conflict with another event exists, display error message
2. System displays: “A conflict exists! Re-enter event details.”
3. If conflict exists, go to step 1 in this variation.
4. If there are no conflicts, go to step 5 above.

**Use Case #2: Add recurring events**

|  |  |  |
| --- | --- | --- |
|  | **User Action** | **System Response** |
| 1 | User clicks the “From File” button |  |
| 2 |  | Systems prompts for the file to be used |
| 3 | User enters the file name and clicks “OK” |  |
| 4 |  | System goes through file and adds all recurring events to the calendar, and goes back to display the current view |

Variation #1:

1. In step 3, when user clicks “OK”, if the file cannot be found, system displays an error message
2. System displays: *Error: <fileNameHere> (No such file or directory*)
3. System will return to the current active view.

**Use Case #3: Go to a specific date in current view**

|  |  |  |
| --- | --- | --- |
|  | **User Action** | **System Response** |
| 1 | User clicks “<” or “>” buttons to scroll to the desired date |  |
| 2 |  | System determines whether the current view is day, month, week or agenda. |
| 3 |  | System moves the current view to the desired time frame |

Variation #1:

1. In step 3, if user decides to go back to the current date, they click “today”
2. System will reset the small calendar to the current month
3. Proceed with step 2 above, to change the current view back to the current date

**Use Case #4: Display all events in a specific range in agenda view**

|  |  |  |
| --- | --- | --- |
|  | **User Action** | **System Response** |
| 1 | User clicks the “Agenda” Button |  |
| 2 |  | System Prompts user for beginning and ending date ranges |
| 3 | User enters the beginning date and ending date |  |
| 4 |  | System verified date range |
| 5 |  | System displays all events scheduled during the specified time period |

Variation #1:

1. In step 4, if the system determines date range is not in appropriate format, displays an error message
2. System displays*: “Error: Incorrect date range. Try again”.*
3. Upon successful data entry, proceed with step 4 above.