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**Client: Safe To Sleep**

**Presentation Title:** Safe To Sleep Scheduling System

**Abstract:**

Safe To Sleep previously managed their volunteer schedules using an Excel worksheet. This worked as a temporary solution, but due to the inability to access it offsite, it became more difficult to organize their volunteers. As such, we were given the task of constructing a scheduling system for them to use that could be hosted on their Wordpress site.

In order to store the times and dates for the volunteers, we set up a Service Account linked to a Google Calendar. The code reads and writes from the description of the corresponding events to determine who is working at a set time and date. The calendar also allows scrolling forward and backward weeks using the provided arrows located above the calendar view.

Users are given one of two roles for their account: Volunteer or Administrator. Volunteers only have the ability to sign themselves up for shifts, or cancel their own shifts, as well as change their password. Administrators however, have the ability to sign anyone up for a shift, and remove their shifts as well. They also have access to the Manage Users option which allows them to add and remove users.