Using Technology to Measure Adherence of Complicated Medication Regimens

Progress Report 3

Client
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Advisor
Professor William L. Murphy Ph.D

Team Members
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Problem Statement
According to a recent study, almost 75% of patients, especially the elderly, do not adhere to their medication regimens for various reasons. This lack of adherence can prevent a patient’s recovery. Additionally, the present state of affairs is such that if a patient reports no improvement, a physician does not definitively know whether to try a different medication or whether the patient is simply not taking the medication regularly. To improve general health of patients assigned complicated medication regimens, we are to make a device that keeps a record of when a patient takes their medication.

Summary of Team Accomplishments
- Formed team and assigned individual roles
- Met with client and obtained project supplies
- Formulated problem statement
- Brainstormed possible designs
- Compile team members’ parts of the PDS and edit
- Create project website

Current Week’s Goals
- Meet with Professor Morrow to discuss possible solutions
- Research
## Project Schedule/Important Dates

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### Difficulties:
None to date.

### Activities

**Sujan:**
- Class Meeting: 1.5 hrs
- Brainstorming: 1 hr
- Communications: .75 hr
  - Total: 3.25 hrs

**Cara:**
- Class Meeting: 1.5 hrs
- Brainstorming: 1 hr
- Research: 1 hr
Total: 3.5 hrs

Farshad:
Class Meeting 1.5 hrs
Brainstorming 2 hrs
Total: 3.5 hrs

Nipun:
Progress report 0.25 hr
Total: 0.25 hr

Team Total Hours for this Week: 10.75 hrs
Cumulative Team Hours to Date: 25.5 hrs

Expenses: None to date.