

Using Technology to Measure Adherence of Complicated Medication Regimens

Progress Report 1

Client

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Advisor

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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.

Project Schedule/Important Dates

March 9 th	Midsemester Presentation
May 4 th	Poster Presentation
May 9 th	Final Papers Due

Summary of Team Accomplishments

- Attended outreach meeting
- Decided on new CPU for this semester
- Constructed a priority list

Current Difficulties

None

Activities

Sujan

Class Meeting	1.5 hrs
Outreach Meeting	0.5 hr
Total:	2 hrs

Cara

Class Meeting	1.5 hrs
Total:	1.5 hrs

Farshad

Class Meeting	1.5 hrs
Outreach Meeting	0.5 hr
Total:	2 hrs

Nipun

Class Meeting	1.5 hrs
Communications	0.5 hr
Progress report	0.5 hr
Total:	2.5 hrs

Team Total Hours for this Week:	6 hrs
Cumulative Team Hours this semester:	6 hrs
Cumulative Team Hours to Date:	451.75 hrs

Expenses: (approximate values)

None this semester