

Usability Requirements

User Role	Usability Goal	Measuring Instrument	Metric	Target
Caregiver	Effectiveness	Task 1: Locate person with dementia.	Proportion of users who complete the task without assistance.	80%
Caregiver	Satisfaction	Task 1: Locate person with dementia.	Average score on Evaluation Tasks Questionnaire.	3 or lower
Caregiver	Effectiveness	Task 2: Go to Schedule Page.	Proportion of users who complete the task without assistance.	80%
Caregiver	Efficiency	Task 2: Go to Schedule Page.	Average unassisted completion time.	15 sec
Caregiver	Satisfaction	Task 2: Go to Schedule Page.	Average score on Evaluation Tasks Questionnaire.	3 or lower
Caregiver	Effectiveness	Task 3: Add Doctors appointment to schedule.	Proportion of users who complete the task without assistance.	80%
Caregiver	Efficiency	Task 3: Add Doctors appointment to schedule.	Average unassisted completion time.	20 sec
Caregiver	Satisfaction	Task 3: Add Doctors appointment to schedule.	Average score on Evaluation Tasks Questionnaire.	3 or lower
Caregiver	Effectiveness	Task 4: Remove plan from schedule.	Proportion of users who complete the task without assistance.	80%

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Caregiver	Efficiency	Task 4: Remove plan from schedule.	Average unassisted completion time.	10 sec
Caregiver	Satisfaction	Task 4: Remove plan from schedule.	Average score on Evaluation Tasks Questionnaire.	3 or lower
Caregiver	Effectiveness	Task 5: Change plan to 2:00pm.	Proportion of users who complete the task without assistance.	80%
Caregiver	Efficiency	Task 5: Change plan to 2:00pm.	Average unassisted completion time.	20 sec
Caregiver	Satisfaction	Task 5: Change plan to 2:00pm	Average score on Evaluation Tasks Questionnaire.	3 or lower
Caregiver	Satisfaction	System Usability Scale (SUS).	Average SUS score.	70 or higher