

Evaluation Metrics

Goal 1: The user should be able to document and save the patient's information.

Note: Many of these categories depend on how experienced/comfortable the nurse is with charting, which is why I provided a range and a personal count for myself

Metric (Number of failures)	Without the HomeCare App	With the HomeCare App
Saving all patients' information in general (How many times does the information need to be corrected during one month?)	Average: 5-10 times Personal: 5-8 times	
Saving information by body system categories (How many times is a category forgotten to be documented during one month?)	Average: 1-4 Personal: 1-4	
Narrative notes (How many times are you not able to take notes during one month, for example, when you have no paper, no pen, not enough light, etc.?)	Average: 1-4 Personal: 1-2 Being unable to chart usually occurs when nurses are on an outing with a patient. However we are required to chart so if this does happen the nurse will stay past their shift to finish charting	

Metric (Time period)	Without the HomeCare App	With the HomeCare App
Document all patients' information (How long does it take you to write down <u>all</u> necessary information for one shift?)	Approx. 45 minutes, more if adverse events occur during a shift	
Charting (How long does it take you to do the charting for one shift, e.g. medication?)	Approx. 60 minutes	
Personal notes (How long does it take you to write down your personal notes for one shift?)	Approx. 5 minutes	
Narrative notes (How long does it take you to formulate the narrative notes from your personal notes for one shift?)	Approx. 45-65 minutes	

Goal 2: The user should be able to recall the patient's information.

Metric (Number of failures)	Without the HomeCare App	With the HomeCare App
Searching for information in general (How many times are you not able to find the necessary information during one month?)	4-10 times a month	
Searching for information within a specific time slot (How many times are you not able to find the necessary information within a specific time slot during one month?)	3-6 times a month	

Metric (Time period)	Without the HomeCare App	With the HomeCare App
Search for information in general (How long does it take you to search for information you(or another nurse) made previously?)	Approx. 1-10 minutes	
Searching for information by a specific body system category (How long does it take you to search for information of a specific body system category during one shift?)	Approx. 1-3 minutes	
Searching for information within a specific time slot (How long does it take you to search for information within a specific time slot for one shift?)	Approx. 1-5 minutes	

Goal 3: The user should be able to add a new patient to the system for set up.

Metric (Misc)	Without the HomeCare App	With the HomeCare App
New patients (Is it harder for you to complete the narrative notes for the first time when you have a new patient?)	yes	
Stock answers (Have you tried to use stock answers before? If yes, how many times?)	Yes. Approx.. 6 times	