# **UrDirary**

# Test Protocol - Controlled doucment

**References:**

* ” Eventual references to other controlled documents”

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| **Revision Control** | | | |
| Revision | Revised by | Revision date | Change Description |
| 0.1 | Ellen Ritterbusch | 08/03/2024 | First draft of test protocols for use case 1: bladder diary |
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# System testing of Use case 1: Ahmend bladder diary

\chapter{System testing}

\section{System Test of UC\ref{UC:Create\_diary}}

The related requirements for UC\ref{UC:Create\_diary} can be seen in table \ref{tab:SRS\_UC1}

\subsubsection{Test procedure 1: Test of SR\ref{SR:save\_timestamp\_auto}, SR\ref{SR:auto\_dateTime}, SR\ref{SR:Diary\_register\_accident\_stimulation}, SR\ref{SR:save\_accident\_no\_accident\_database}}

\begin{enumerate}[noitemsep]

\item Press the on-demand button on your UCon device

\item Press the bladder diary icon

\item Identify the existing timestamp for the on-demand stimulation

\item Press the "accident" button

\item Press the "save" button

\item Check if the timestamp is saved as a dateTime variable

\item Check the database for a saved entry with the existing timestamp and an "accident" registration

\item Repeat step 1-7 but change step 4 to "no accident" button and check this in step 7

\end{enumerate}

\textbf{Succes criteria}

\begin{itemize} [noitemsep]

\item SR\ref{SR:save\_timestamp\_auto} is met if step 3 is successful

\item SR\ref{SR:auto\_dateTime} is met if step 6 is successful

\item SR\ref{SR:Diary\_register\_accident\_stimulation} is met if step 8 is successful

\item SR\ref{SR:save\_accident\_no\_accident\_database} is met if step 8 is successful

\end{itemize}

\subsubsection{Test procedure 2: Test of SR\ref{SR:register\_manually\_timestamp}, SR\ref{SR:manually\_dateTime}, SR\ref{SR:Diary\_register\_accident\_no\_stumulation}, SR\ref{SR:Diary\_manually\_database} }

\begin{enumerate}[noitemsep]

\item Press the bladder diary icon

\item Enter "5 PM" as timestamp

\item Press the "accident" button

\item Press the "save" button

\item Check if the timestamp is saved as a dateTime variable

\item Check the database for a saved entry with the entered timestamp and an "accident" registration

\end{enumerate}

\subsubsection{Succes criteria}

\begin{itemize} [noitemsep]

\item SR\ref{SR:register\_manually\_timestamp} is met if step 2 is successful

\item SR\ref{SR:manually\_dateTime} is met if step 5 is successful

\item SR\ref{SR:Diary\_register\_accident\_no\_stumulation} is met if step 3 is successful

\item SR\ref{SR:Diary\_manually\_database} is met if step 6 is successful

\end{itemize}

\subsubsection{Test procedure 3: Test of SR\ref{SR:Diary\_Evaluate} and SR\ref{SR:Save\_evaluation}}

\begin{enumerate}[noitemsep]

\item Press the "daily evaluation" button

\item Choose the current day to evaluate

\item Press the red icon

\item Press the "save" button

\item Check the database for a saved red icon on the current day

\item Repeat step 1-5 two times further for the yellow and green icon

\end{enumerate}

\subsubsection{Succes criteria}

\begin{itemize} [noitemsep]

\item SR\ref{SR:Diary\_Evaluate} is met if step 6 is successful

\item SR\ref{SR:Save\_evaluation} is met if step 6 is successful

\end{itemize}

\subsubsection{Test procedure 4: Test of SR\ref{SR:Diary\_evaluation\_previous\_day}}

\begin{enumerate}[noitemsep]

\item Press the "daily evaluation" button

\item Choose the day of yesterday to evaluate

\item Press the red icon

\item Press the "save" button

\item Check the database for a saved red icon on the day of yesterday

\item Repeat step 1-5 two times further for the yellow and green icon

\end{enumerate}

\subsubsection{Succes criteria}

\begin{itemize} [noitemsep]

\item SR\ref{SR:Save\_evaluation} is met if step 6 is successful

\end{itemize}

\subsection{Test result of UC\ref{UC:Create\_diary}}

\begin{table}[H]

\centering

\begin{tabular}{|m{1.5cm}|m{1.5cm}|m{6cm}|}

\hline

\multicolumn{3}{c}{\textbf{Use case \ref{UC:Create\_diary}: Test results}} \\ \hline \hline

\textbf{ID} & \textbf{Passed} & \textbf{Note} \\ \hline

\textbf{SR\ref{SR:save\_timestamp\_auto}} & & Successful \\ \hline

\textbf{SR\ref{SR:auto\_dateTime}} & & Successful \\ \hline

\textbf{SR\ref{SR:register\_manually\_timestamp}} & & Successful \\ \hline

\textbf{SR\ref{SR:manually\_dateTime}} & & Successful \\ \hline

\textbf{SR\ref{SR:Diary\_register\_accident\_no\_stumulation}} & & Successful \\ \hline

\textbf{SR\ref{SR:Diary\_manually\_database}} & & Successful \\ \hline

\textbf{SR\ref{SR:Diary\_register\_accident\_stimulation}} & & Successful \\ \hline

\textbf{SR\ref{SR:save\_accident\_no\_accident\_database}} & & Successful \\ \hline

\textbf{SR\ref{SR:Diary\_Evaluate}} & & Successful \\ \hline

\textbf{SR\ref{SR:Diary\_evaluation\_previous\_day}} & & Successful \\ \hline

\textbf{SR\ref{SR:Save\_evaluation}} & & Successful \\ \hline

\end{tabular}

\caption{Test results for requirements related to use case \ref{UC:Create\_diary}}

\end{table}