

<b>ID</b>	UC 3
<b>Name</b>	Store variables
<b>Description</b>	User want to store values that can be recalled during calculations by referencing an alphabetical label.
<b>Pre-condition</b>	<ul style="list-style-type: none"> <li>• Calculator is on</li> </ul>
<b>Post-condition</b>	<ul style="list-style-type: none"> <li>• A number is stored in the calculator's memory and is ready to be retrieved by invoking its alphabetical label.</li> <li>• User should be able to clear or overwrite a stored variable.</li> </ul>
<b>Basic path</b>	<ol style="list-style-type: none"> <li>1. This use case starts with the user entering an alphabetical label that will eventually be used to recall the stored value.</li> <li>2. The user then presses "equals" to indicate that a value is to be stored under the chosen label.</li> <li>3. The user then presses "enter" which tells the calculator to store the variable under the aforementioned label.</li> <li>4. At any point during a calculation (UC 1), the user can evoke the value stored in a variable by entering the corresponding alphabetic character.</li> <li>5. The calculator substitutes the variables's value into the calculation.</li> </ol>
<b>Alternative Path</b>	<ol style="list-style-type: none"> <li>1a. Clearing the variable <ol style="list-style-type: none"> <li>1. User enters the alphabetic label of the variable that requires clearing (value and label appear on display).</li> <li>2. User presses "clear".</li> <li>3. The calculator shows the variable is now cleared.</li> </ol> </li> </ol>

Table 1: UC 3 - Store variables