**Design Tools - SAT - Data Dictionary**

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| **Name** | **Purpose** | **Data Type** | **Size** |
| vUserName | To store the user’s **username** | String | 15 |
| vPassword | To store the user’s **password** | String | 15 |
| vConPass | To store the user’s **password confirmation** and check if it is same as what’s written in the **password** textbox | String | 15 |
| vLoginUN | To store the **username** entered by the user in the **login page** to compare it with the **signup** details in the XML file | String | 15 |
| vLoginPass | To store the **password** entered by the user in the **login page** | String | 15 |
| vUserNameFound | to check if the two usernames match | Boolean | - |
| vPasswordFound | to check if the two passwords match | Boolean | - |
| vStartChoice | To store whether the user chooses to enter the time manually or save automatically | String | - |
| vStartAuto | Stores the time the save button was pressed | String | 10 |
| vStartManual | Stores the time the user chose in the timepicker | String | 10 |
| vFinishChoice | To store whether the user chooses to enter the time manually or save automatically | String | - |
| vFinishAuto | Stores the time the save button was pressed | String | 10 |
| vFinishManual | Stores the time the user chose in the timepicker | String | - |
| vWorkTimeDay | To store the calculated worked time per day | double | 10 |
| ArrWorkTimeWeek | To store the calculated worked times per week so that further calculations can be done on them | double | 7 |
| vWorkTimeWeek | To store the calculated worked time per week | double | 10 |
| ArrWorkTimeMonth | To store the calculated worked times per month so that further calculations can be done on them (4 weeks) | double | 4 |
| vWorkTimeMonth | To store the calculated worked time per month | double | 10 |
| vPayDay | To store the calculated pay per day | double | 10 |
| ArrPayWeek | To store the calculated pay per week so that further calculations can be done on them | double | 10 |
| vPayWeek | To store the calculated pay per week | double | 10 |
| ArrPayMonth | To store the calculated pay per month values so that further calculations can be done on them | double | 4 |
| vPayMonth | To store the calculated pay per month | double | 10 |
| vPPH | Stores the pay per hour that the user enters in the **Job Salary Calculator form** | double | 10 |
| vPayChoice | To store whether the user chooses to display the pay per day, week or month | String | - |