**ITSP200 – Deliverable 4**

|  |  |
| --- | --- |
| **Group number and name** | Group 4 –The Poll makers |
| **Group member details** | J6H6SY5M7 – Jansen; Nadine (Leader)  P4PXK2T59 – Gumede; Luyanda  BXMDLL7W9 - Mtshatsheni; Nompumelelo |
| **Project title** | Advanced Polling System |
| **Submission date** | 19/10/2019 |
| **Signature of group leader** | N. Jansen |

**Contents**

[Information system testing 3](#_Toc22401641)

[Testing results 3](#_Toc22401642)

[Customer sign-off 7](#_Toc22401643)

# Information system testing

## Testing results

**Welcome screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Register’ button and student register screen will be displayed. |  | Yes |
| **2** | Click ‘Student Login’ button only if the student is registered and the student login screen will be displayed. |  | Yes |
| **3** | Click ‘Admin’ and the admin login screen will be displayed. |  | Yes |

**Register screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button and it will return user to ‘Welcome screen’. |  | Yes |
| **2** | User should enter all data into required text fields. |  | Yes |
| **3** | Appropriate error message is provided for any missing fields. |  | Yes |
| **4** | A confirmation email will be sent after the student has been registered. |  | Yes |
| **5** | Click ‘Next’ button and student login screen will be displayed. |  | Yes |

**Student Login screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button and will return user to ‘Register screen’. |  | Yes |
| **2** | Enter data into the student number text field. |  | Yes |
| **3** | Enter data into the password text field. |  | Yes |
| **4** | Click ‘Login’ button, which checks if student information matches to the database information. |  | Yes |
| **5** | An appropriate error message is displayed if any incorrect password or student number are used. |  | Yes |

**ToVotes Screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button returns user to ‘Student login screen’ |  | Yes |
| **2** | Drop boxes are used to select a suitable candidate. |  | Yes |
| **3** | When only one candidate per drop box option was selected, the vote will be verified by the database. | System does not count up the votes yet | No |
| **4** | When ‘Vote’ button is selected all votes are recorded in the database. | System does not count up the votes yet | No |
| **5** | Click ‘Next’ button and the ‘Finish screen’ will be displayed. |  | Yes |

**Finish screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | An appropriate message is displayed that informs the student the vote has been processed and completed. |  | Yes |
| **2** | An appropriate message will display that after all votes are recorded, the student will receive the winner through an email. |  | Yes |
| **3** | Click ‘Exit’ button and the ‘Welcome screen’ will be displayed. |  | Yes |

**Admin Login screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button takes user to ‘Welcome screen’ |  | Yes |
| **2** | Enter username into ‘Admin Username’ text field. |  | Yes |
| **3** | Enter password into ‘Admin Password’ text field. |  | Yes |
| **4** | Enter ‘Login’ button to verify admin details through database. |  | Yes |
| **5** | Appropriate error message is displayed when username or password are incorrect. |  | Yes |
| **6** | ‘Admin Username’ and ‘Admin Password’ are cleared for user to re-attempt login. |  | Yes |
| **7** | Click ‘Login’ button and the ‘Database screen’ are displayed. |  | Yes |

**Database screen**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button which returns user to ‘Admin Login screen’. |  | Yes |
| **2** | Select ‘Candidate Information’ button to view information of all candidates in the database |  | Yes |
| **3** | Select ‘Student Information’ button to view all student’s information in the database. |  | Yes |
| **4** | Select ‘Results Vote’ button to display all recorded number of votes. |  | Yes |

**Candidate Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button to return to ‘Database screen’. |  | Yes |
| **2** | A populated table with candidate’s relevant information is displayed. |  | Yes |
| **3** | All the candidate’s information is displayed from the database. |  | Yes |

**Student Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button to return to ‘Database screen’. |  | Yes |
| **2** | A populated table with student’s relevant information is displayed. |  | Yes |
| **3** | All the student’s information is displayed from the database. |  | Yes |

**ResultsVote**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | Click ‘Back’ button to return to ‘Database screen’. |  | Yes |
| **2** | Populated text fields with candidate’s name and voting results | The votes are not counted yet | No |
| **3** | All candidate’s information is displayed and the total of votes of each candidate are displayed. | No votes are recorded onto the database yet | No |

**Email Report**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Test Description** | **Comments** | **Yes / No** |
| **1** | An email is sent to each student, containing the winner. | System does not record the votes yet to send emails | No |
| **2** | An email is sent to each candidate, containing the winner. | System does not record the votes yet to send emails | No |

# Customer sign-off

|  |  |
| --- | --- |
| **Customer name and surname** | **Customer signature** |
| **Group leader name and surname**  Nadine Jansen | **Group leader signature**  N. Jansen |