

# ITSP200 – Deliverable 4

<b>Group number and name</b>	Group 4 –The Poll makers
<b>Group member details</b>	J6H6SY5M7 – Jansen; Nadine (Leader) P4PXX2T59 – Gumede; Luyanda BXMDLL7W9 - Mtshatsheni; Nompumelelo
<b>Project title</b>	Advanced Polling System
<b>Submission date</b>	19/10/2019
<b>Signature of group leader</b>	N. Jansen

## Contents

Information system testing .....	3
Testing results .....	3
Customer sign-off .....	7

# Information system testing

## Testing results

### Welcome screen

<u>No.</u>	<u>Test Description</u>	<u>Comments</u>	<u>Yes / No</u>
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

<u>No.</u>	<u>Test Description</u>	<u>Comments</u>	<u>Yes / No</u>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

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

### **Admin Login screen**

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

### **Database screen**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b><u>No.</u></b>	<b><u>Test Description</u></b>	<b><u>Comments</u></b>	<b><u>Yes / No</u></b>
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**

<b>Customer name and surname</b>	<b>Customer signature</b>
<b>Group leader name and surname</b>  Nadine Jansen	<b>Group leader signature</b>  N. Jansen