



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
Trece Martires City Campus  
☎ (0977)8033809  
[www.cvsu.edu.ph](http://www.cvsu.edu.ph)

## TEST INSTRUMENT

### COLLEGE OF BACHELOR OF SCIENCE AND INFORMATION TECHNOLOGY

Department of Information Technology

### DEVELOPMENT OF WEB-BASED STUDENT ORGANIZATION INFORMATION SYSTEM FOR CAVITE STATE UNIVERSITY - TRECE MARTIRES CITY CAMPUS

Unit testing

**Date:**

**Proponents:** Michael Angelo N. Cruz

Mark Ejay M. Elizalde

Mark Kevin R. Maceda

Kenneth Clark Q. Pacarro

**Module:** Account Management Module

	Remarks
<b>FUNCTIONALITY</b>	
Enable to log in with correct username and password	
Enable to logout the account	
Enable to reset forgotten password	
Enable to remember the inputted credentials	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

TESTER

**Module:** Admin Management Module

	Remarks
<b>FUNCTIONALITY</b>	
Enable to generate reports (total logins, total of users, total of organizations, etc.)	
Enable to create an announcement	
Enable to create an event in calendar	
Enable to upload downloadable media	
Enable to create a poll	
Enable to send messages to all users	
Enable to create a new organization	
Enable to delete an existing organization	
Enable to edit the information of all the existing organization	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

TESTER

**Module:** Sub-Admin Management Module

	Remarks
<b>Functionality</b>	
Enable to generate reports (total of members, total of sales, total of created post, etc.)	
Enable to create new posts	
Enable to upload downloadable media	
Enable to create a poll	
Enable to send messages to all members	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

TESTER

**Module:** User Module

	Remarks
<b>Functionality</b>	
Enable to navigate different pages inside the navigation bar	
Enable to participate in polls	
Enable to see the posts and announcements created by the sub-admin and admin	
Enable to transact membership fee or any merchandise from the specific organization shop	
Enable to comment, like and dislike a post created in the dashboard	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

TESTER

**Module:** Homepage Module

	Remarks
<b>Functionality</b>	
Enable to navigate different pages thru the navigation bar	
Display all the organizations momentarily with the use of carousel function	
Display all the organizations new posts momentarily with the use of carousel function	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Profile Management Module

	Remarks
<b>Functionality</b>	
Display all information about the user	
Allows users to edit the current information and picture	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

TESTER

**Module:** Poll Module

	Remarks
<b>Functionality</b>	
Display all available polls	
Enable to vote from the polls	
Enable to create a poll (sub-admin & admin only)	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Transaction Module

	Remarks
<b>Functionality</b>	
Enable to purchase merchandise	
Enables to send proof of transaction from Gcash	
Allows to display all pending transactions	
Allows to display all history of transactions	
Allows to manage membership fee	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Events Management Module

	Remarks
<b>Functionality</b>	
Create an event by selecting the starting date and ending date of the event	
Display the event in the calendar	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Media Module

	Remarks
<b>Functionality</b>	
Allows the upload and download of files but limited only to doc, pdf, docx, txt, pptx, jpg, jpeg, png, gif, mp4, avi and mov	
Enables to search a file	
Enables to delete a file	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Communication Module

	Remarks
<b>Functionality</b>	
Allows to send a message to all users, sub-admin and admin	
Enable to send files	

Enable to reply on the message	
Enable to send concern via contact us and support message	
Display all receive messages	
Display all sent messages	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Membership fee Module

	<b>Remarks</b>
<b>Functionality</b>	
Enables to pay membership fee on given time duration	
Allows to set an amount to pay and set a time duration	
Displays the list of unpaid and paid members and timestamp of payment	
Edit the status of members (paid or unpaid)	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Report Management Module

	<b>Remarks</b>
<b>Functionality</b>	
Allows to display all kinds of report (list of applicants, total logins, total members etc.)	

Enables graph for better presentation	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Export CSV Module

	<b>Remarks</b>
<b>Functionality</b>	
Allows the download of data	
Converts data into CSV	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Module:** Logging Module

	<b>Remarks</b>
<b>Functionality</b>	
Allows the logging of activity	
<b>Accuracy</b>	
Access privileges is correct	
Access a valid information	

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**Department of Information Technology**

### **DEVELOPMENT OF WEB-BASED STUDENT ORGANIZATION INFORMATION SYSTEM FOR CAVITE STATE UNIVERSITY - TRECE MARTIRES CITY CAMPUS**

Integration testing

**Date:**

**Proponents:** Michael Angelo N. Cruz

Mark Ejay M. Elizalde

Mark Kevin R. Maceda

Kenneth Clark Q. Pacarro

<b>Modules</b>	<b>Functionality</b>	<b>Passed/Failed</b>	<b>Remarks</b>
Account Management Module	Enable to log in and log out of account, reset password and remember credentials inputted		
Admin Management Module	Manages the add, edit and delete of organization, creation of new announcements, events, display all reports (e.g. Total sales, Users Interest and		

	Gender demographic etc.)		
Sub-Admin Management Module	Manages the creation of new posts, events, transactions and also the members of their respective organization and allow to like, dislike and comment on the post		
User Module	Enable to navigate the dashboard and allow to like, dislike and comment on the post		
Homepage Module	Enable to navigate or redirect to different pages		
Profile Management Module	Allows the user to edit the profile appearance such as name, section, picture etc.		
Poll Module	Enable the creation of new polls		
Transaction Module	Manages the selling of merchandises and the sending of proof of transaction		
Event Management Module	Enables the creation of new events in the calendar and allow to delete the event		
Media Module	Allows the upload and download of media file		
Communication Module	Enables the communication between		

	users, sub-admins and admin		
Membership Fee Module	Manages the registration of all the users		
Report Management Module	Displays all kind of reports such as total of users, total of login, graphs etc.		
Export CSV Module	Allows the user to export certain data as CSV file		
Logging Module	Enables to save logs such as activity logs		

Tester



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### DEVELOPMENT OF WEB-BASED STUDENT ORGANIZATION INFORMATION SYSTEM FOR CAVITE STATE UNIVERSITY - TRECE MARTIRES CITY CAMPUS

System testing

**Date:**

**Proponents:** Michael Angelo N. Cruz

Mark Ejay M. Elizalde

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Kenneth Clark Q. Pacarro

	Action	Activities	System Response	Expected error	System response error
Admin Management	Create an announcement, events, new organization and messages	Input the announcement description, the starting date and ending date, upload			

		image and credentials of the new organization and create a body of message to send to users			
	Edit the information of organization and profile	Click the edit button in the table and change the information			
	Delete the existing organization , users and messages	Click the delete button in the table			
Account Login, Logout and Forgot Password	Login, Logout and Forgot Password	Enter username and password, Logout account, enter your email address to receive the reset link			
Homepage of Web-based Student Organization Information	Homepage navigation bar	Select the navigation bar and explore the homepage			

System for Cavite State University - Trece Matres City Campus					
Transactions	Purchase merchandise from the shop	Click the organization tab in the navigation bar and select the organization you wish to buy merchandise and complete the instructions given			