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Group 7
Section : CCPROG3 S16B

TEST SCRIPT

Test script of each method per class. Exclude methods that displays only (no checking) or that return values. Setters may be included only if they perform checking. Checking constructors should be included in the test script.

ORANGE FONT is for explanation/ description.

Checking

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
LogIn_User	1	If the entered information exists in the array of users	Entered Username: Admin2020 Entered Password: @Dm1n0202	return: Admin2020	Returns: Admin2020	P
	2	If the entered username doesn't exist in the array of users	Entered Username: User123 Entered Password: @Dm1n0202	return: null	Returns: null	P
	3	If entered password is incorrect	Entered Username: Admin2020 Entered Password: Dm1n0202	return: null	Returns: null	P
isValidCUsername	1	If the entered username is unique	List of usernames: PROG, DISTRU Username: CSMATH	return: false	return: false	P
	2	If the parameter String username is not unique	List of usernames: PROG, CCDISTRU Username: CCDISTRU	return: true	return: true	P
	3	If the entered username is an integer	List of usernames: PROG, CCDISTRU Username: 123	return: true	return: true	P
isValidPassword	1	If password is more than 6 characters and contains a special character/number	Password: heeeeeello3	return: false	return: false	P
	2	If password is more than 6 characters but does not contain a special character/number	Password: heeeeeello	return: true	return: true	P
	3	If password consists of only numbers and is less than 6 characters	Password: 12345	return: true	return: true	P
enterDate	1	Month entered is between 1-12, date 1-30 which depends on the month and year	Entered Month: 4 Entered Day: 19 Entered Year: 2020	return: 4,19,2020	return: 4,19,2020	P
	2	Month entered is not between 1-12, date 1-30 which depends on the month and year is a positive integer	Entered Month: 13 Entered Day: 4 Entered Year: 2020	Return: null	Return: null	P

	3	Entered year is a character/ string	Entered Month: 1 Entered Day: 2 Entered Year: a	Return: null	Return: null	P
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Citizen

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Citizen	1	If the inputs are valid, the data is stored and the role “citizen” will be assigned	(constructor parameters) Citizen(User user, Personal personal) this.user = user this.personal = personal this.role = “citizen”	-- user info Username: iPhone Password: apple123 -- personal info First name: Hello Middle name: World Surname: ! - Month: 8 Day: 24 Year: 2020 - Home add: Taft Ave. Office add: Makati City Phone num: 1235456 Email add: iphone@dlsu.com -- role Role: citizen	-- user info Username: iPhone Password: apple123 -- personal info First name: Hello Middle name: World Surname: ! - Month: 8 Day: 24 Year: 2020 - Home add: Taft Ave. Office add: Makati City Phone num: 1235456 Email add: iphone@dlsu.com -- role Role: citizen	P

CreateAccount_Controller

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Nested class: ConfirmListener						
mouseClicked	1	If all the information fields have valid inputs	Username: batman Password: batty1 First Name: Bruce Middle Name: Thomas Surname: Wayne Birth Month: 1 Birth Day: 1 Birth Year: 2020	Account successfully created.	Account successfully created.	P

			Home Address: 123 Parkrow Avenue, Gotham City Office Address: Wayne Enterprises Email Address: bruce.wayne@gmail.com Phone Number: 88812345			
	2	If there are fields that have not been filled or if no fields are filled	Username: Password: First Name: Middle Name: Surname: Birth Month: Birth Day: Birth Year: Home Address: Office Address: Email Address: Phone Number:	Please input all requirements.	Please input all requirements.	P
	3	If any of the entered birthdate fields are invalid	Username: batman Password: battyl First Name: Bruce Middle Name: Thomas Surname: Wayne Birth Month: 13 Birth Day: 31 Birth Year: 2020 Home Address: 123 Parkrow Avenue, Gotham City Office Address: Wayne Enterprises Email Address: bruce.wayne@gmail.com Phone Number: 88812345	Invalid birthdate.	Invalid birthdate.	P
	4	If the username is not unique	Username: Admin2020 Password: battyl First Name: Bruce Middle Name: Thomas Surname: Wayne Birth Month: 13	Invalid username.	Invalid username.	P

			Birth Day: 31 Birth Year: 2020 Home Address: 123 Parkrow Avenue, Gotham City Office Address: Wayne Enterprises Email Address: bruce.wayne@gmail.com Phone Number: 88812345			
	5	If the password is not valid	Username: batman Password: battyone First Name: Bruce Middle Name: Thomas Surname: Wayne Birth Month: 13 Birth Day: 31 Birth Year: 2020 Home Address: 123 Parkrow Avenue, Gotham City Office Address: Wayne Enterprises Email Address: bruce.wayne@gmail.com Phone Number: 88812345	Invalid password.	Invalid password.	P

Date

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Date	1	If the inputs are valid, the data is stored	(constructor parameters) Date(int m, int d, int y) -- Date(1, 1, 2000) Month = 1 Day = 1 Year = 2000	1 / 1 / 2000	1 / 1 / 2000	P
isValidDate	1	If isValidMonth, isValidDay, isValidYear are true	isValidMonth: true isValidDay: true isValidYear: true	return: true	return: true	P
	2	If isValidMonth, isValidDay, isValidYear are false	isValidMonth: fasle isValidDay: false isValidYear: false	return: false	return: false	P

	3	If isValidMonth and isValidYear are true and isValidDay is false	isValidMonth: true isValidDay: false isValidYear: true	return: false	return: false	P
isValidMonth	1	Month entered is between 1-12	Entered month: 2	Month: 2 (Returns true)	Month: 2 (Returns true)	P
	2	Month entered is greater than 12	Entered month: 23	Month: 23 (Returns false)	Month: 23 (Returns false)	P
	3	Month entered is less than 1	Entered month: -1	Month: -1 (Returns false)	Month: -1 (Returns false)	P
isValidDay	1	Month and day entered is valid	Entered month: 1 Entered day: 12	return: true	return: true	P
	2	Month entered is valid and day is invalid	Entered month: 1 Entered day: 35	return: false	return: false	P
	3	Month is february and day is 31	Entered month: 2 Entered day: 31	return: false	return: false	P
isValidYear	1	Year entered is greater than 0	Entered year: 2020	return: true	return: true	P
	2	Year entered is less than 0	Entered year: -1	return: false	return: false	P
	3	Year entered is 0	Entered year: 0	return: false	return: false	P

LoggedIn_Citizen_Controller

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Nested class: CheckIn_ConfirmListener						
mouseClicked	1	If all the information fields have valid inputs	Establishment Code: Mcdo Month: 1 Day: 1 Year: 2020	Successfully checked-in. Displays the time of check-in	Successfully checked-in. Displays the time of check-in	P
	2	If there are fields that have not been filled or if no fields are filled	Establishment Code: Mcdo Month: Day: Year:	Please input all requirements.	Please input all requirements.	P
	3	If the date fields contain an invalid input	Establishment Code: Mcdo Month: 13 Day:31 Year: 2020	Invalid date.	Invalid date.	P
Nested class: Report_ConfirmListener						
mouseClicked	1	If all the information fields have valid inputs	Month: 9	Report Successful.	Report Successful.	P

			Day: 28 Year: 2020			
	2	If there are fields that have not been filled or if no fields are filled	Month: Day: Year:	Please input all requirements.	Please input all requirements.	P
	3	If the date fields contain an invalid input	Month: 13 Day: 31 Year: 2020	Invalid date.	Invalid date.	P
Nested class: Update_ConfirmListener						
mouseClicked	1	If the updated information is filled with valid inputs	Password: CATCAT2 First Name: Selena Middle Name: B Surname: Kyle Birth Month: 1 Birth Day: 1 Birth Year: 2020 Home Address: Gotham City Office Address: DOH Phone Number: 77712345 Email Address: meow@gmail.com	Profile successfully updated.	Profile successfully updated.	P
	2	If the updated password entered is invalid	Password: CATCATTWO First Name: Selena Middle Name: B Surname: Kyle Birth Month: 1 Birth Day: 1 Birth Year: 2020 Home Address: Gotham City Office Address: DOH Phone Number: 77712345 Email Address: meow@gmail.com	Profile not updated. (Information entered is invalid or no entered info)	Profile not updated. (Information entered is invalid or no entered info)	P
	3	If the updated date entered is invalid	Password: CATCATTWO First Name: Selena Middle Name: B Surname: Kyle Birth Month: 13 Birth Day: 31 Birth Year: 2020	Profile not updated. (Information entered is invalid or no entered info)	Profile not updated. (Information entered is invalid or no entered info)	P

			Home Address: Gotham City Office Address: DOH Phone Number: 77712345 Email Address: meow@gmail.com			
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LoggedIn_Official_Controller

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Nested class: Analytics_ConfirmListener						
mouseClicked	1	If the establishment and date fields have valid user inputs	Establishment Code: Mcdo -Start Date- Month: 1 Day: 1 Year: 2020 -End Date- Month: 12 Day: 31 Year: 2021	There are n positive case/s in Mcdo between 1,1,2020 and 12,31,2021	There are n positive case/s in Mcdo between 1,1,2020 and 12,31,2021	P
	2	If only the establishment field has a valid user input	Establishment Code: Mcdo -Start Date- Month: Day: Year: -End Date- Month: Day: Year:	There are n positive case/s in Mcdo	There are n positive case/s in Mcdo	P
	3	If only the date fields have valid user inputs	Establishment Code: -Start Date- Month: 1 Day: 1 Year: 2020 -End Date- Month: 12 Day: 31 Year: 2021	There are n positive case/s between 1,1,2020 and 12,31,2021	There are n positive case/s between 1,1,2020 and 12,31,2021	P
	4	If all the fields have no user inputs	Establishment Code: -Start Date- Month:	Please fill the necessary fields	Please fill the necessary fields	P

			Day: Year: -End Date- Month: Day: Year:			
Nested class: Case_ConfirmListener						
mouseClicked	1	If all the information fields have valid inputs, then the case would have the tracer assigned	Unassigned Case List: 1, 2, 3 Tracer List: TRACER Case Number: 1 Tracer: TRACER	Unassigned Case List: 2, 3	Unassigned Case List: 2, 3	P
	2	If the user inputted an invalid case number	Unassigned Case List: 1, 2, 3 Tracer List: TRACER Case Number: 4 Tracer: TRACER	Invalid Case	Invalid Case	P
	3	If the user inputted an invalid tracer	Unassigned Case List: 1, 2, 3 Tracer List: TRACER Case Number: 1 Tracer: OFFICIAL	Invalid Tracer	Invalid Tracer	P
	4	If the user didn't fill all the necessary fields	Unassigned Case List: 1, 2, 3 Tracer List: TRACER Case Number: Tracer:	Please fill all fields	Please fill all fields	P
Nested class: Official_ConfirmListener						
mouseClicked	1	If the user inputted an existing citizen username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Entered Username: BATMAN	Account successfully created.	Account successfully created.	P
	2	If the user inputted a unique username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: superman	Do you wish to create a new account for this user? If yes: Password generated: (Generated password)	Do you wish to create a new account for this user? If yes: Password generated: (Generated password)	P

	3	If the user inputted an existing government official's username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: OFFICIAL	This account is already a government official account.	This account is already a government official account.	P
	4	If the user inputted an existing tracer's username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: TRACER	This account is a contact tracer account.	This account is a contact tracer account.	P
	5	If the user inputted their own username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: Admin2020	Cannot create your current account.	Cannot create your current account.	P
Nested class: Tracer_ConfirmListener						
mouseClicked	1	If the user inputted an existing citizen username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Entered Username: BATMAN	Account successfully created.	Account successfully created.	P
	2	If the user inputted a unique username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: superman	Do you wish to create a new account for this user? If yes: Password generated: (Generated password)	Do you wish to create a new account for this user? If yes: Password generated: (Generated password)	P
	3	If the user inputted an existing government official's username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: OFFICIAL	This account is a government official account.	This account is a government official account.	P

	4	If the user inputted an existing tracer's username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: TRACER	This account is already a contact tracer account.	This account is already a contact tracer account.	P
	5	If the user inputted their own username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: Admin2020	Cannot create your current account.	Cannot create your current account.	P
Nested class: Terminate_ConfirmListener						
mouseClicked	1	If the user inputted an existing government official account	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Entered Username: OFFICIAL	Account successfully terminated.	Account successfully terminated.	P
	2	If the user didn't input a username	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username:	Please input username.	Please input username.	P
	3	If the user inputted a username that does not exist	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: SUPERMAN	Username not found.	Username not found.	P
	4	If the user inputted the username of a citizen account	User List: BATMAN, role: citizen TRACER, role: tracer Admin2020, role: official OFFICIAL, role: official Username: BATMAN	This account is already a citizen account.	This account is already a citizen account.	P
	5	If the user inputted their own username	User List:	Cannot terminate your own account.	Cannot terminate your own account.	P

mouseClicked	1	If the user traced a case beforehand	Traced Cases: 1	Exposed users informed!	Exposed users informed!	P
	2	If the user hasn't traced a case beforehand	Traced Cases:	Please trace a specific case first.	Please trace a specific case first.	P

Official

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Official	1	If the inputs are valid, the data is stored and the role "official" will be assigned	(constructor parameters) Citizen(User user, Personal personal, 2) this.user = user this.personal = personal this.role = "official"	-- user info Username: Army Password: Navy.@ -- personal info First name: QWE Middle name: RTY Surname: WASD - Month: 9 Day: 10 Year: 2020 - Home add: Taft Ave. Office add: Makati City Phone num: 1111111 Email add: army@dlsu.com -- role Role: official	-- user info Username: Army Password: Navy.@ -- personal info First name: QWE Middle name: RTY Surname: WASD - Month: 9 Day: 10 Year: 2020 - Home add: Taft Ave. Office add: Makati City Phone num: 1111111 Email add: army@dlsu.com -- role Role: official	P
assignCases	1	If there are three cases, two of which have no assigned tracers	Case 1 = Pending Case 2 = Traced Case 3 = Pending	The following cases are unassigned: Case #1 Case #3	The following cases are unassigned: Case #1 Case #3	P
	2	If there are no cases to be traced	(No cases)	There are no cases.	There are no cases.	P
	3	If all the cases have been assigned already	Case 1 = Traced Case 2 = Traced Case 3 = Traced	All cases have been assigned.	All cases have been assigned.	P
getAnalytics	1	If the specified Start date, End date, and city is valid	Start Date = 01 / 01 / 2000 End Date = 12 / 31 / 2001 City = New York	There are (n) positive cases in New York between 01 / 01 / 2000 and 12 / 31 / 2001 There are (n) positive cases between 01 / 01 / 2000 and 12 / 31 / 2001 There are (n) positive cases in New York	There are (n) positive cases in New York between 01 / 01 / 2000 and 12 / 31 / 2001 There are (n) positive cases between 01 / 01 / 2000 and 12 / 31 / 2001 There are (n) positive cases in New York	P

	2	If the specified End date is before the Start date	Start Date = 11 / 11 / 2020 End Date = 01 / 01 / 2000 City = New York	Xx INVALID ENTERED END DATE xX	Xx INVALID ENTERED END DATE xX	P
	3	If there the dates entered are valid and if the city entered does not exist/has no positive cases.	Start Date = 01 / 01 / 2000 End Date = 12 / 31 / 2001 City = Manila	There are 0 positive cases in Manila between 01 / 01 / 2000 and 12 / 31 / 2001 There are 0 positive cases between 01 / 01 / 2000 and 12 / 31 / 2001 There are 0 positive cases in Manila	There are 0 positive cases in New York between 01 / 01 / 2000 and 12 / 31 / 2001 There are 0 positive cases between 01 / 01 / 2000 and 12 / 31 / 2001 There are 0 positive cases in New York	P
createOfficial	1	If entered username is his own username	Entered username: Test	Xx INVALID, THIS IS YOUR CURRENT ACCOUNT xX	Xx INVALID, THIS IS YOUR CURRENT ACCOUNT xX	P
	2	If entered username is a contact tracer	Entered username: OOP	Xx INVALID, THIS ACCOUNT IS ALREADY A GOVERNMENT OFFICIAL ACCOUNT xX	Xx INVALID, THIS ACCOUNT IS ALREADY A GOVERNMENT OFFICIAL ACCOUNT xX	P
	3	If entered username does not exist	Entered username: CCPROG3	~ ACCOUNT SUCCESSFULLY CREATED ~	~ ACCOUNT SUCCESSFULLY CREATED ~	P
createTracer	1	If entered username is his own username	Entered username: Testing	Xx INVALID, THIS IS YOUR CURRENT ACCOUNT xX (Error message)	Xx INVALID, THIS IS YOUR CURRENT ACCOUNT xX (Error message)	P
	2	If entered username is a citizen	Entered username: JAVA	Enter username: JAVA ~ ACCOUNT SUCCESSFULLY CREATED ~	Enter username: JAVA ~ ACCOUNT SUCCESSFULLY CREATED ~	P
	3	If entered username is a tracer	Entered username: Tracer123	Xx INVALID, THIS ACCOUNT IS ALREADY A CONTACT TRACER ACCOUNT xX	Xx INVALID, THIS ACCOUNT IS ALREADY A CONTACT TRACER ACCOUNT xX	P
terminateAccount	1	If entered username is his own username	Entered username: Default	Cannot terminate your own account.	Cannot terminate your own account.	P
	2	If entered username is a contact tracer	Entered username: Testing	Enter username: Testing ~ ACCOUNT SUCCESSFULLY TERMINATED ~	Enter username: Testing ~ ACCOUNT SUCCESSFULLY TERMINATED ~	P
	3	If entered username is a citizen	Entered username: Trial	This account is already a citizen account.	This account is already a citizen account.	P

SignIn_Controller

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
Nested class: SignInListener						
mouseClicked	1	If entered username and password exists	Username: Admin2020 Password: @Dm1n0202	*Login Successful* Proceeds to Role Selection	*Login Successful* Proceeds to Role Selection	P
	2	If either username or password text field is not filled	Username: Admin2020 Password:	Please input all requirements.	Please input all requirements	P
	3	If the entered username or password is invalid	Username: Admin2020 Password: Dm1n2020	Invalid username or password.	Invalid username or password.	P