

Project1

Part 1

Backward-Engineer the screenshots below, using ***your*** photo, contact information, and interests.

Research how to do the following requirements (see screenshots below):

1. Create a launcher icon image and display it in **both** activities (screens)
2. Must add background color(s) to both activities
3. Must add border around image and button
4. Must add text shadow (button)

Note: Review Assignments 2 and 3, and associated videos. Also, review Ch04 in textbook.

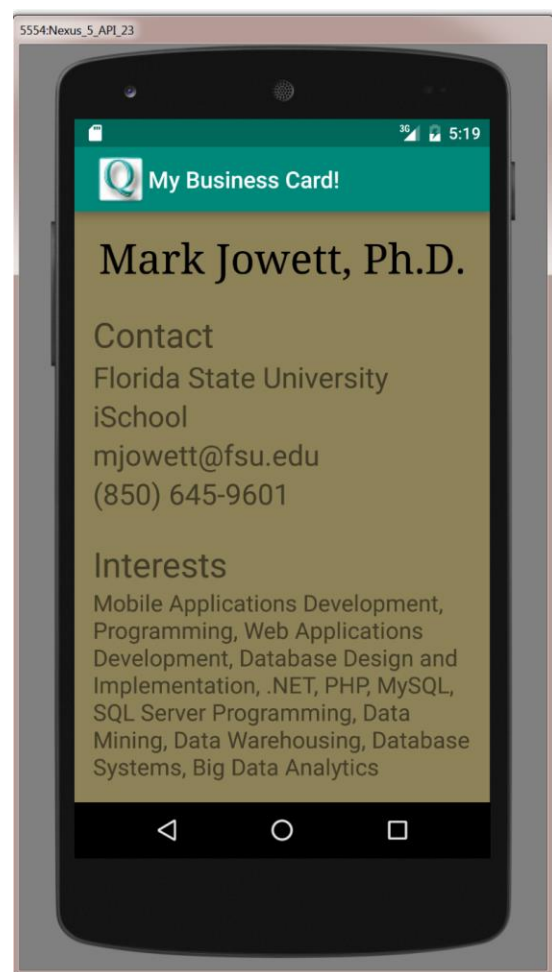
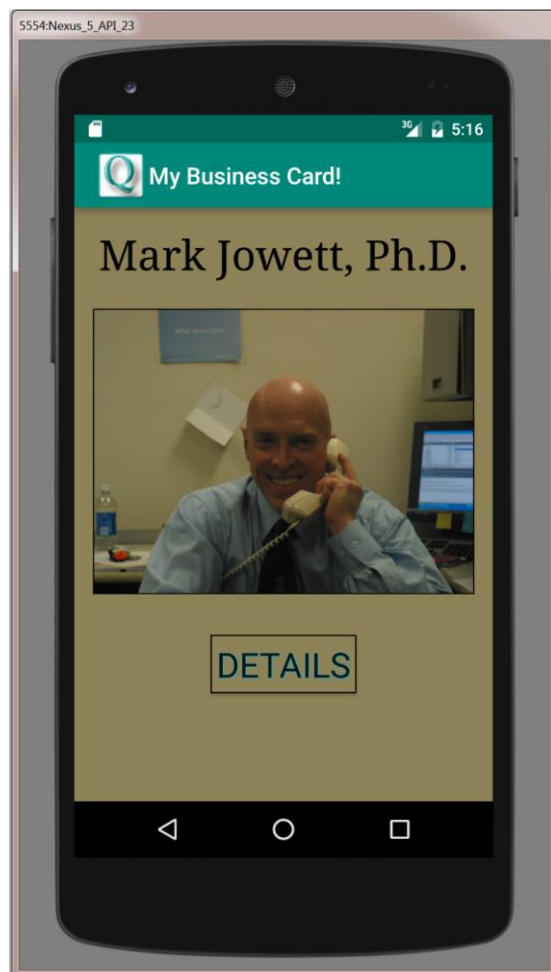
Part 2

README.md file should include the following items:

1. **Course title, your name, assignment requirements, as per A1;**
2. Screenshot of running application's **first** user interface;
3. Screenshot of running application's **second** user interface;

Deliverables:

1. Provide **Bitbucket** read-only access to **lis4381** repo, include links to the repos you created in the above tutorials in **README.md**, using Markdown syntax (**README.md** must also include screenshots as per above.)
2. **FSU's Learning Management System:** include lis4381 **Bitbucket** repo link



Part 3
Questions (PHP/MySQL: Chs. 7, 8):

1. A hidden field
 - a. appears on the form but its data is hidden
 - b. has data that is obscured by bullets or asterisks
 - c. doesn't appear on the form but its data is sent to the server
 - d. appears on the form with its data grayed out

2. Assume that the POST method is used. Which of the following statements gets the value of the radio button that's on in the delivery group and stores it in a variable named `$card_type`?
`<input type="radio" name="delivery" value="USPS" />USPS`
`<input type="radio" name="delivery" value="FedEx" />Federal Express`
`<input type="radio" name="delivery" value="UPS" />UPS`
 - a. `$card_type = isset($_POST['delivery']);`
 - b. `$card_type = isset($_POST['card_type']);`
 - c. `$card_type = $_POST['delivery'];`
 - d. `$card_type = $_POST['card_type'];`

3. Assume that the second radio button in the code below has been selected by the user. When you get the value of that radio button, what will the value be?
`<input type="radio" name="delivery" value="USPS" />USPS`
`<input type="radio" name="delivery" value="FedEx" />Federal Express`
`<input type="radio" name="delivery" value="UPS" />UPS`
 - a. FedEx
 - b. Federal Express
 - c. fedex
 - d. federal express

4. Assume that the statements that follow get the data from a text area named `comments`. After these statements are executed, how will the `$comments` variable be displayed by an echo statement?

`$comments = $_POST['comments'];`
`$comments =htmlspecialchars($comments);`
 - a. With (HTML) character entities for both special characters and new line characters
 - b. With `
` tags for new line characters Selected
 - c. With (HTML) character entities for special characters
 - d. With both (HTML) character entities and `
` tags

5. The value of the htmlspecialchars and nl2br functions is that they let you display

- a. PHP entries just as they were entered
- b. user entries just as they were entered
- c. PHP entries with valid HTML
- d. user entries with valid HTML

6. What does \$message contain after the following code executes?

```
$age = 19;  
$score = 750;  
if ( $age >= 21 && $score >= 700 ) {  
    $message = 'Loan approved';  
} else if ( $age >= 21 && $score >= 650 ) {  
    $message = 'Cosigner needed.';  
} else if ( $age >= 18 && $score >= 680 ) {  
    $message = 'Two cosigners needed.';  
} else {  
    $message = 'Loan denied.';  
}
```

- a. Loan approved.
- b. Cosigner needed.
- c. Two cosigners needed.
- d. Load denied.

7. What does \$message contain after the following code executes?

```
$rate = 0.1;  
if ( ! is_numeric($rate) ) {  
    $message = 'Rate is not a number.';  
} else if ( $rate < 0 ) {  
    $message = 'Rate cannot be less than zero.';  
} else if ( $rate > 0.2 ) {  
    $message = 'Rate cannot be greater than 20%.';  
} else {  
    $message = 'Rate is valid.';  
}
```

- a. Rate is not a number.
- b. Rate cannot be less than zero.
- c. Rate cannot be greater than 20%.
- d. Rate is valid.

8. What does \$message contain after the following code executes?

```
$statusCode = "403";  
switch ( $statusCode ) {  
case "200":  
$message = "OK";  
break;  
case "403":  
$message = "Forbidden";  
break;  
case "404":  
$message = "Not Found";  
break;  
default:  
$message = "Unknown Status";  
break;  
}
```

- a. OK
- b. Forbidden
- c. Not Found
- d. Unknown Status

9. Which of the following statements will restart the execution of a loop?

- a. halt
- b. continue
- c. stop
- d. break

10. Which type of loop will always execute its code at least once?

- a. while
- b. do-while
- c. for
- d. for-in

11. How many radio buttons from the following code can be selected at any given time?

```
<input type="radio" name="address" value="Home" />Home Address  
<input type="radio" name="delivery" value="FedEx" />Federal Express  
<input type="radio" name="delivery" value="UPS" />UPS
```

- a. 0
- b. 1
- c. 2
- d. 3