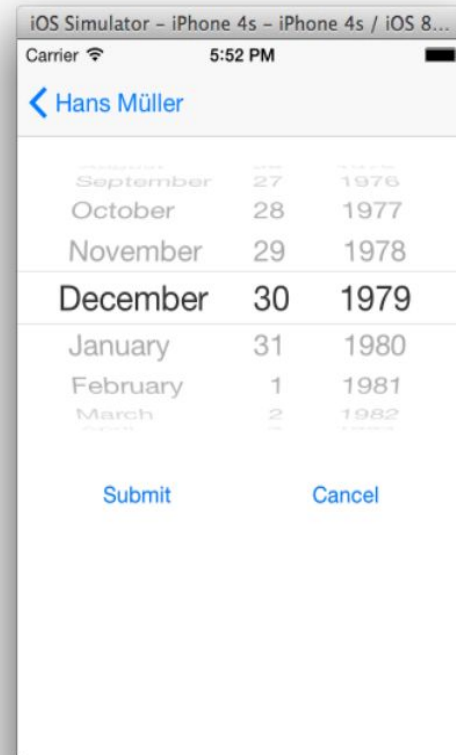
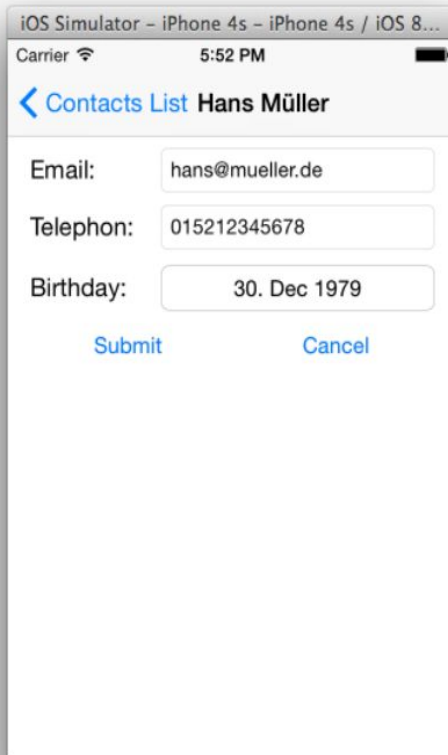
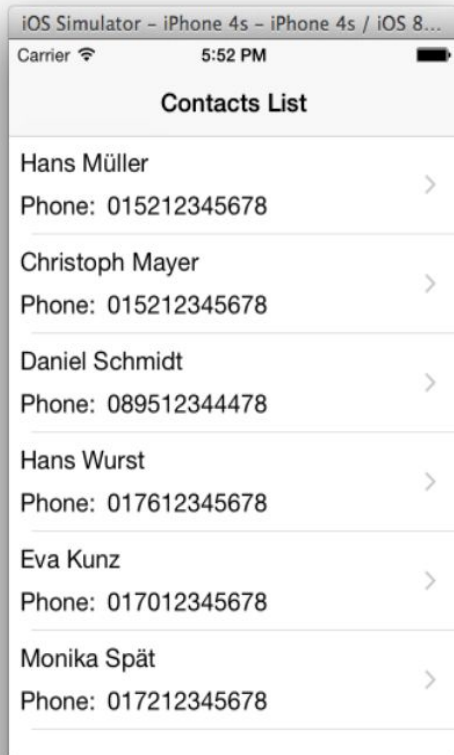


# Aufgabe 15b Blatt7

...

Kontaktliste in Objective-C

# Kontaktliste



# Schritt 1

- Projekt erstellen
- Navigation Controller hinzufuegen (Editor, Embed in, Navigation Controller)

# TableView

- TableView in View hinzufuegen
- Outlets hinzufuegen
- 1 “Prototype Cell” hinzufuegen
- Accessory auf “Discloser Indicator” setzen
- Labels in tableView Cell hinzufuegen



**Table View** - Displays data in a list of plain, sectioned, or grouped rows.

**Outlets** Hide

dataSource	* View Controller	<input checked="" type="radio"/>
delegate	* View Controller	<input checked="" type="radio"/>

**Outlet Collections**

gestureRecognizers	<input type="radio"/>
--------------------	-----------------------

**Referencing Outlets**

tableView	* View Controller	<input checked="" type="radio"/>
New Referencing Outlet		<input type="radio"/>

**Referencing Outlet Collections**

New Referencing Outlet Collection	<input type="radio"/>
-----------------------------------	-----------------------

**Table View**

Content Dynamic Prototypes

Prototype Cells 1

Accessory Disclosure Indicator

**Prototype Cells**

Label	
Label	>

# Contact Detail View

- View Controller hinzufuegen
- Buttons/ Textfelder hinzufuegen
- Outlets/ Actions hinzufuegen
- Segue von Table View auf Detail Contact View erstellen
- Segue Identifier definieren

Email:

Telephon:

Birthday:  Button

[Submit](#) [Cancel](#)

**Outlets**

birthdayUB	* BirthdayUB	<input checked="" type="radio"/>
emailTF	* EmailTF	<input checked="" type="radio"/>
phoneTF	* PhoneTF	<input checked="" type="radio"/>
searchDisplayController		<input type="radio"/>
view	* View	<input checked="" type="radio"/>

**Presenting Segues**

Relationship	<input type="radio"/>
Show	* Cell selection <input checked="" type="radio"/>
Show Detail	<input type="radio"/>
Present Modally	<input type="radio"/>
Present As Popover	<input type="radio"/>
Embed	<input type="radio"/>
Push (deprecated)	<input type="radio"/>
Modal (deprecated)	<input type="radio"/>
Custom	<input type="radio"/>

**Referencing Outlets**

New Referencing Outlet	<input type="radio"/>
------------------------	-----------------------

**Referencing Outlet Collections**

New Referencing Outlet Collection	<input type="radio"/>
-----------------------------------	-----------------------

**Received Actions**

cancelAction:	* Cancel Touch Up Inside <input checked="" type="radio"/>
submitContact:	* Submit Touch Up Inside <input checked="" type="radio"/>

# Date Picker View

- View Controller hinzufuegen
- Date Picker Element hinzufuegen
- Buttons hinzufuegen
- Segue von Contact Detail View auf Date Picker View erstellen
- Segue Identifier definieren

September	16	2013
October	17	2014
November	18	2015
December	19	2016
January	20	2017
February	21	2018
March	22	2019

Submit Cancel

**Triggered Segues**

manual ☐

**Outlets**

birthdayDP \* BirthdayDP ☒

searchDisplayController ☐

view \* View ☒

**Presenting Segues**

Relationship ☐

Show \* BirthdayUB action ☒

Show Detail ☐

Present Modally ☐

Present As Popover ☐

Embed ☐

Push (deprecated) ☐

Modal (deprecated) ☐

Custom ☐

**Referencing Outlets**

New Referencing Outlet ☐

**Referencing Outlet Collections**

New Referencing Outlet Collection ☐

**Received Actions**

cancelAction: \* Cancel Touch Up Inside ☒

submitBirthday: \* Submit Touch Up Inside ☒

# Daten von einem ViewController an anderen übergeben

```
- (void)prepareForSegue:(UIStoryboardSegue *)segue sender:(id)sender
{
    if([segue.identifier isEqualToString:@"showView"]){
        NSIndexPath *indexPath = [self.tableView indexPathForSelectedRow];
        Contact *myContact = [_contactStore.contacts objectAtIndex:indexPath.row];
        ContactDetailViewController *destinationVC = segue.destinationViewController;

        [destinationVC setDelegate:self];
        destinationVC.myContact = myContact;
        destinationVC.title = [NSString stringWithFormat:@"%s %s", myContact.firstName, myContact.lastName];
    }
}
```

# Daten von einem ViewController über “delegates” zurückgeben

- ViewController1 der Daten empfängt
  - delegate des “ViewController1” setzen, ist “self”
  - delegate function implementieren
  - protocol der Interface definition im Header erweitern
- ViewController2 der Daten zurückgibt
  - Protocol definieren
  - delegate function aufrufen
- Bei tableView müssen Daten “reloaded” werden



# Nice to know

- Eine view zurückgehen:

```
[self.navigationController popViewControllerAnimated:YES];
```

- Button runde border erstellen

```
[[birthdayUB layer] setBorderWidth:0.1f];  
[[birthdayUB layer] setBorderColor:[UIColor blackColor].CGColor];  
[[birthdayUB layer] setCornerRadius:5];
```

- Datum formatieren

```
NSDateFormatter *myFormatter = [[NSDateFormatter alloc] init];  
[myFormatter setDateFormat:@"%dd. LLL yyyy"];
```

Danke für die Aufmerksamkeit



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