

„BedsideMatcher“

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

<CBPeripheralManagerDelegate>	
BeaconViewController	11
<CLLocationManagerDelegate>	
BeaconViewController	11
NSObject	
Patient	27
NSObject	
ListPatient	18
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<UIAlertViewDelegate>	
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AppDelegate	7
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Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Chapter 3

File Index

3.1 File List

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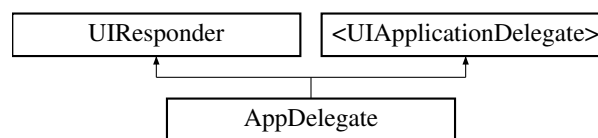
Chapter 4

Class Documentation

4.1 AppDelegate Class Reference

```
#import <AppDelegate.h>
```

Inheritance diagram for AppDelegate:



Instance Methods

- (void) - [saveContext](#)
- (NSURL *) - [applicationDocumentsDirectory](#)
- (BOOL) - [application:didFinishLaunchingWithOptions:](#) [implementation]
- (void) - [applicationWillResignActive:](#) [implementation]
- (void) - [applicationDidEnterBackground:](#) [implementation]
- (void) - [applicationWillEnterForeground:](#) [implementation]
- (void) - [applicationDidBecomeActive:](#) [implementation]
- (void) - [applicationWillTerminate:](#) [implementation]
- (void) - [resetPatients](#) [implementation]
- (void) - [savePatient:](#) [implementation]
- (void) - [deleteAllObjects:](#) [implementation]

Properties

- UIWindow * [window](#)
- NSManagedObjectContext * [managedObjectContext](#)
- NSManagedObjectModel * [managedObjectModel](#)
- NSPersistentStoreCoordinator * [persistentStoreCoordinator](#)

4.1.1 Method Documentation

4.1.1.1 - (BOOL) application: (UIApplication *) *application* didFinishLaunchingWithOptions:(NSDictionary *) *launchOptions* [implementation]

4.1.1.2 - (void) applicationDidBecomeActive: (UIApplication *) *application* [implementation]

4.1.1.3 - (void) applicationDidEnterBackground: (UIApplication *) *application* [implementation]

4.1.1.4 - (NSURL *) applicationDocumentsDirectory

4.1.1.5 - (void) applicationWillEnterForeground: (UIApplication *) *application* [implementation]

4.1.1.6 - (void) applicationWillResignActive: (UIApplication *) *application* [implementation]

4.1.1.7 - (void) applicationWillTerminate: (UIApplication *) *application* [implementation]

4.1.1.8 - (void) deleteAllObjects: (NSString *) *entityDescription* [implementation]

deletes managed objects for the given entity description (string)

Parameters

<i>entityDescription</i>	NSString value for the description of the core data entity
--------------------------	--

4.1.1.9 - (void) resetPatients [implementation]

deletes the stored patient objects in coredata and saves the newest patient list from the webservice.

4.1.1.10 - (void) saveContext

4.1.1.11 - (void) savePatient: (trspPatient *) *trspatient* [implementation]

saves a trspPatient object to core data

Parameters

<i>trspatient</i>	an object of class trspPatient
-------------------	--------------------------------

4.1.2 Property Documentation

4.1.2.1 - (NSManagedObjectContext *) managedObjectContext [read],[nonatomic],[strong]

4.1.2.2 - (NSManagedObjectModel *) managedObjectModel [read],[nonatomic],[strong]

4.1.2.3 - (NSPersistentStoreCoordinator *) persistentStoreCoordinator [read],[nonatomic],[strong]

4.1.2.4 - (UIWindow*) window [read],[write],[nonatomic],[strong]

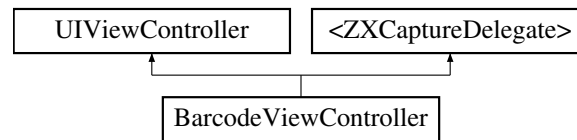
The documentation for this class was generated from the following files:

- [AppDelegate.h](#)
- [AppDelegate.m](#)

4.2 BarcodeViewController Class Reference

```
#import <BarcodeViewController.h>
```

Inheritance diagram for BarcodeViewController:



Instance Methods

- (IBAction) - [didTap:](#)
- (void) - [viewDidLoad](#) [implementation]
- (void) - [dealloc](#) [implementation]
- (void) - [viewWillAppear:](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]
- (void) - [setBackButton](#) [implementation]
- (IBAction) - [showBeaconView:](#) [implementation]
- (NSString *) - [barcodeFormatToString:](#) [implementation]
- (void) - [captureResult:result:](#) [implementation]
- (void) - [prepareForSegue:sender:](#) [implementation]
- (void) - [performFetch](#) [implementation]

Properties

- IBOutlet UIView * [scanView](#)
- IBOutlet UINavigationController * [navBarBarcode](#)
- IBOutlet UIView * [scanRectView](#)
- IBOutlet UILabel * [decodedLabel](#)
- ZXCapture * [capture](#)
- NSArray * [patients](#)
- NSMutableString * [minorID](#)
- NSManagedObjectContext * [managedObjectContext](#)
- BOOL [hasScannedResult](#)

4.2.1 Method Documentation

4.2.1.1 - (NSString *) [barcodeFormatToString:](#) (ZXBarcodeFormat) *format* [implementation]

private helper method to convert the scanned barcode formats to strings

Parameters

<i>format</i>	ZXBarcodeFormat
---------------	-----------------

Returns

a NSString

4.2.1.2 - (void) [captureResult:](#) (ZXCapture *) *capture* result:(ZXResult *) *result* [implementation]

capture method of the scanner

Parameters

<i>capture</i>	ZXCapture
<i>result</i>	ZXResult

4.2.1.3 - (void) dealloc [implementation]

dealloc method to remove the capture layer from its superlayer

4.2.1.4 - (void) didReceiveMemoryWarning [implementation]**4.2.1.5 - (IBAction) didTap: (id) sender**

Tap recognizer to get back to beacon view (tap because the scan view is full screen and we dont want to have buttons here).

Parameters

<i>sender</i>	UITapGestureRecognizer
---------------	------------------------

4.2.1.6 - (void) performFetch [implementation]

get the patients from core data.

4.2.1.7 - (void) prepareForSegue: (UIStoryboardSegue *) segue sender:(id) sender [implementation]

gets called before the segue gets actually performed. sets all values in the destination view controller.

Parameters

<i>segue</i>	UIStoryboardSegue
<i>sender</i>	

4.2.1.8 - (void) setBackButton [implementation]

create the back button and set it in the navigation bar

4.2.1.9 - (IBAction) showBeaconView: (id) sender [implementation]

Action method for the back button.

Parameters

<i>sender</i>	a UIButton
---------------	------------

4.2.1.10 - (void) viewDidLoad [implementation]

always called when view did load

4.2.1.11 - (void) viewWillAppear: (BOOL) animated [implementation]

always called when view will appear

Parameters

<i>animated</i>	a BOOL
-----------------	--------

4.2.2 Property Documentation

4.2.2.1 - (ZXCapture*) **capture** [read], [write], [nonatomic], [strong]

4.2.2.2 - (IBOutlet UILabel*) **decodedLabel** [read], [write], [nonatomic], [weak]

4.2.2.3 - (BOOL) **hasScannedResult** [read], [write], [nonatomic], [assign]

4.2.2.4 - (NSManagedObjectContext*) **managedObjectContext** [read], [write], [nonatomic], [strong]

4.2.2.5 - (NSMutableString*) **minorID** [read], [write], [nonatomic], [strong]

4.2.2.6 - (IBOutlet UINavigationController*) **navBarBarcode** [read], [write], [nonatomic], [weak]

4.2.2.7 - (NSArray*) **patients** [read], [write], [nonatomic], [strong]

4.2.2.8 - (IBOutlet UIView*) **scanRectView** [read], [write], [nonatomic], [weak]

4.2.2.9 - (IBOutlet UIView*) **scanView** [read], [write], [nonatomic], [strong]

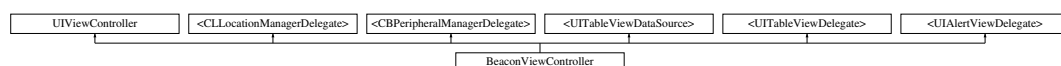
The documentation for this class was generated from the following files:

- [BarcodeViewController.h](#)
- [BarcodeViewController.m](#)

4.3 BeaconViewController Class Reference

```
#import <BeaconViewController.h>
```

Inheritance diagram for BeaconViewController:



Instance Methods

- (void) - [viewDidLoad](#) [implementation]
- (void) - [setBarcodeButton](#) [implementation]
- (IBAction) - [showBarcodeView](#): [implementation]
- (void) - [performFetch](#) [implementation]
- (NSArray *) - [indexPathsOfRemovedBeacons](#): [implementation]
- (NSArray *) - [indexPathsOfInsertedBeacons](#): [implementation]
- (void) - [tableView:didSelectRowAtIndexPath](#): [implementation]
- (void) - [prepareForSegue:sender:](#) [implementation]
- (NSArray *) - [indexPathsForBeacons](#): [implementation]
- (NSIndexSet *) - [insertedSections](#) [implementation]
- (NSIndexSet *) - [deletedSections](#) [implementation]
- (NSArray *) - [filteredBeacons](#): [implementation]
- (NSString *) - [detailsStringForBeacon](#): [implementation]

- (NSString *) - [detailsStringForBeacon:andPatient:](#) [implementation]
- (UITableViewCell *) - [tableView:cellForRowAtIndexPath:](#) [implementation]
- (NSInteger) - [numberOfSectionsInTableView:](#) [implementation]
- (NSInteger) - [tableView:numberOfRowsInSection:](#) [implementation]
- (NSString *) - [tableView:titleForHeaderInSection:](#) [implementation]
- (CGFloat) - [tableView:heightForRowAtIndexPath:](#) [implementation]
- (UIView *) - [tableView:viewForHeaderInSection:](#) [implementation]
- (void) - [createBeaconRegion](#) [implementation]
- (void) - [createLocationManager](#) [implementation]
- (void) - [changeRangingState:](#) [implementation]
- (void) - [startRangingForBeacons](#) [implementation]
- (void) - [turnOnRanging](#) [implementation]
- (void) - [stopRangingForBeacons](#) [implementation]
- (void) - [locationManager:didChangeAuthorizationStatus:](#) [implementation]
- (void) - [locationManager:didRangeBeacons:inRegion:](#) [implementation]
- (void) - [locationManager:didDetermineState:forRegion:](#) [implementation]
- (Patient *) - [getPatientForBeacon:](#) [implementation]
- (void) - [peripheralManagerDidUpdateState:](#) [implementation]
- (void) - [checkLocationAccessForRanging](#) [implementation]
- (void) - [alertView:didDismissWithButtonIndex:](#) [implementation]

Properties

- IBOutlet UITableView * [beaconTableView](#)
- IBOutlet UINavigationController * [navBarBeacon](#)
- NSArray * [patients](#)
- NSManagedObjectContext * [managedObjectContext](#)
- CLLocationManager * [locationManager](#) [implementation]
- CLBeaconRegion * [beaconRegion](#) [implementation]
- CBPeripheralManager * [peripheralManager](#) [implementation]
- NSArray * [detectedBeacons](#) [implementation]
- UISwitch * [rangingSwitch](#) [implementation]
- void * [operationContext](#) [implementation]

4.3.1 Method Documentation

4.3.1.1 - (void) [alertView:](#) (UIAlertView *) [alertView](#) [didDismissWithButtonIndex:](#) (NSInteger) [buttonIndex](#) [implementation]

Parameters

<i>alertView</i>	UIAlertView
<i>buttonIndex</i>	NSInteger

4.3.1.2 - (void) [changeRangingState:](#) (id) [sender](#) [implementation]

checks the state of the ranging switch

4.3.1.3 - (void) [checkLocationAccessForRanging](#) [implementation]

check access in CoreLocation

4.3.1.4 - (void) createBeaconRegion [implementation]

creates a beacon region with specified proximity UUID and identifier

4.3.1.5 - (void) createLocationManager [implementation]

creates the location manager (if nil)

4.3.1.6 - (NSIndexSet *) deletedSections [implementation]

returns a set of deleted sections

Returns

NSIndexSet

4.3.1.7 - (NSString *) detailsStringForBeacon: (CLBeacon *) beacon [implementation]

returns a formatted detail string of beacon information (used for beacons that arent yet of a specific patient)

Parameters

<i>beacon</i>	CLBeacon
---------------	----------

Returns

NSString of beacon details

4.3.1.8 - (NSString *) detailsStringForBeacon: (CLBeacon *) beacon andPatient:(Patient *) patient [implementation]

returns a formatted detail string of beacon and patient information

Parameters

<i>beacon</i>	CLBeacon
<i>patient</i>	Patient

Returns

NSString of beacon details

4.3.1.9 - (NSArray *) filteredBeacons: (NSArray *) beacons [implementation]

returns a filtered array of beacons (delete duplicates)

Parameters

<i>beacons</i>	NSArray of beacons
----------------	--------------------

Returns

NSArray of filtered beacons

4.3.1.10 - (Patient *) getPatientForBeacon: (NSString*) beaconID [implementation]

returns a [Patient](#) object for a specified NSString holding the beacon minor id.

Parameters

<i>beaconID</i>	NSString minor id of the beacon
-----------------	---------------------------------

Returns

[Patient](#)

4.3.1.11 - (NSArray *) indexPathsForBeacons: (NSArray *) *beacons* [implementation]

returns an array of index paths for an array of beacons

Parameters

<i>beacons</i>	NSArray of beacons
----------------	--------------------

Returns

NSArray of NSIndexPaths

4.3.1.12 - (NSArray *) indexPathsOfInsertedBeacons: (NSArray *) *beacons* [implementation]

Returns an array of all index paths of the inserted beacons

Parameters

<i>beacons</i>	NSArray of beacons
----------------	--------------------

Returns

NSArray with the index paths of all inserted beacons

4.3.1.13 - (NSArray *) indexPathsOfRemovedBeacons: (NSArray *) *beacons* [implementation]

Returns an array of all index paths of the removed beacons

Parameters

<i>beacons</i>	NSArray of beacons
----------------	--------------------

Returns

NSArray with the index paths of all removed beacons

4.3.1.14 - (NSIndexSet *) insertedSections [implementation]

returns a set of inserted sections

Returns

NSIndexSet

4.3.1.15 - (void) locationManager: (CLLocationManager *) *manager* didChangeAuthorizationStatus:(CLAuthorizationStatus) *status* [implementation]

method that is called if user changes the authorization of location manager

Parameters

<i>manager</i>	CLLocationManager
<i>status</i>	CLAuthorizationStatus

4.3.1.16 - (void) locationManager: (CLLocationManager *) *manager* didDetermineState:(CLRegionState) *state* forRegion:(CLRegion *) *region* [implementation]

Parameters

<i>manager</i>	CLLocationManager
<i>state</i>	CLRegionState
<i>region</i>	CLRegion

4.3.1.17 - (void) locationManager: (CLLocationManager *) *manager* didRangeBeacons:(NSArray *) *beacons* inRegion:(CLBeaconRegion *) *region* [implementation]

called if beacons are ranged in the specified region

Parameters

<i>manager</i>	CLLocationManager
<i>beacons</i>	NSArray
<i>region</i>	CLBeaconRegion

4.3.1.18 - (NSInteger) numberOfSectionsInTableView: (UITableView *) *tableView* [implementation]

returns a NSInteger holding the number of sections in the table view

Parameters

<i>tableView</i>	UITableView
------------------	-------------

Returns

NSInteger number of sections

4.3.1.19 - (void) performFetch [implementation]

get the patients from core data

4.3.1.20 - (void) peripheralManagerDidUpdateState: (CBPeripheralManager *) *peripheralManager* [implementation]

Parameters

<i>peripheralManager</i>	CBPeripheralManager
--------------------------	---------------------

4.3.1.21 - (void) prepareForSegue: (UIStoryboardSegue *) *segue* sender:(id) *sender* [implementation]

pass patient data to destination view controller

Parameters

<i>segue</i>	UIStoryboardSegue
<i>sender</i>	

4.3.1.22 - (void) setBarcodeButton [implementation]

create and set the barcode button in the navigation bar

4.3.1.23 - (IBAction) showBarcodeView: (id) sender [implementation]

Action method for the barcode button.

Parameters

<i>sender</i>	UIButton
---------------	----------

4.3.1.24 - (void) startRangingForBeacons [implementation]

starts ranging for beacons in the specified region

4.3.1.25 - (void) stopRangingForBeacons [implementation]

stop ranging for beacons (used for UISwitch state NO)

4.3.1.26 - (UITableViewCell *) tableView: (UITableView *) tableView cellForRowAtIndexPath:(NSIndexPath *) indexPath [implementation]

customizing the table view cells

Parameters

<i>tableView</i>	UITableView
<i>indexPath</i>	NSIndexPath

Returns

UITableViewCell

4.3.1.27 - (void) tableView: (UITableView *) tableView didSelectRowAtIndexPath:(NSIndexPath *) indexPath [implementation]

handles the user selection

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

4.3.1.28 - (CGFloat) tableView: (UITableView *) tableView heightForRowAtIndexPath:(NSIndexPath *) indexPath [implementation]

returns the height for a row at specific index path

Parameters

<i>tableView</i>	UITableView
<i>indexPath</i>	NSIndexPath

Returns

CGFloat

4.3.1.29 - (NSInteger) tableView: (UITableView *) *tableView* numberOfRowsInSection:(NSInteger) *section*
[implementation]

returns a NSInteger holding the number of rows in a section

Parameters

<i>tableView</i>	UITableView
<i>section</i>	NSInteger

Returns

NSInteger number of rows in section

4.3.1.30 - (NSString *) tableView: (UITableView *) *tableView* titleForHeaderInSection:(NSInteger) *section*
[implementation]

returns a title for the header

Parameters

<i>tableView</i>	UITableView
<i>section</i>	NSInteger

Returns

NSString header title

4.3.1.31 - (UIView *) tableView: (UITableView *) *tableView* viewForHeaderInSection:(NSInteger) *section*
[implementation]

return a view for the header in a section

Parameters

<i>tableView</i>	UITableView
<i>section</i>	NSInteger

Returns

UIView view for the header in a section

4.3.1.32 - (void) turnOnRanging [implementation]

turn on ranging for beacons

4.3.1.33 - (void) viewDidLoad [implementation]

always called when the view did load

4.3.2 Property Documentation

4.3.2.1 - (CLBeaconRegion*) beaconRegion [read], [write], [nonatomic], [strong], [implementation]

4.3.2.2 - (IBOutlet UITableView*) beaconTableView [read], [write], [nonatomic], [weak]

4.3.2.3 - (NSArray*) detectedBeacons [read], [write], [nonatomic], [strong], [implementation]

4.3.2.4 - (CLLocationManager*) locationManager [read], [write], [nonatomic], [strong], [implementation]

4.3.2.5 - (NSManagedObjectContext*) managedObjectContext [read], [write], [nonatomic], [strong]

4.3.2.6 - (IBOutlet UINavigationController*) navBarBeacon [read], [write], [nonatomic], [weak]

4.3.2.7 - (void*) operationContext [read], [write], [nonatomic], [unsafe_unretained], [implementation]

4.3.2.8 - (NSArray*) patients [read], [write], [nonatomic], [strong]

4.3.2.9 - (CBPeripheralManager*) peripheralManager [read], [write], [nonatomic], [strong], [implementation]

4.3.2.10 - (UISwitch*) rangingSwitch [read], [write], [nonatomic], [weak], [implementation]

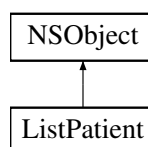
The documentation for this class was generated from the following files:

- [BeaconViewController.h](#)
- [BeaconViewController.m](#)

4.4 ListPatient Class Reference

```
#import <ListPatient.h>
```

Inheritance diagram for ListPatient:



Properties

- NSNumber * [openPrescriptions](#)
- Patient * [patient](#)

4.4.1 Property Documentation

4.4.1.1 `-(NSNumber*) openPrescriptions` `[read],[write],[atomic]`

4.4.1.2 `-(Patient*) patient` `[read],[write],[atomic]`

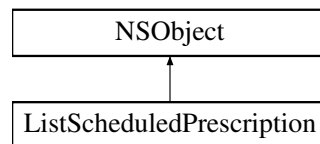
The documentation for this class was generated from the following file:

- [ListPatient.h](#)

4.5 ListScheduledPrescription Class Reference

```
#import <ListScheduledPrescription.h>
```

Inheritance diagram for ListScheduledPrescription:



Properties

- `Patient *` `patient`
- `trspPrescription *` `presc`

4.5.1 Property Documentation

4.5.1.1 `-(Patient*) patient` `[read],[write],[atomic]`

4.5.1.2 `-(trspPrescription*) presc` `[read],[write],[atomic]`

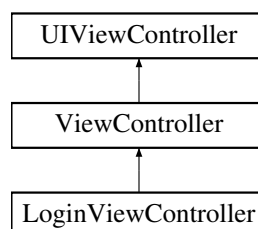
The documentation for this class was generated from the following file:

- [ListScheduledPrescription.h](#)

4.6 LoginViewController Class Reference

```
#import <LoginViewController.h>
```

Inheritance diagram for LoginViewController:



Instance Methods

- (IBAction) - [loginButton:](#)
- (void) - [viewDidLoad](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]

Properties

- IBOutlet UIButton * [loginButton](#)
- IBOutlet UITextField * [userNameField](#)
- IBOutlet UITextField * [passwordField](#)

4.6.1 Method Documentation

4.6.1.1 - (void) [didReceiveMemoryWarning](#) [implementation]

Reimplemented from [ViewController](#).

4.6.1.2 - (IBAction) [loginButton:](#) (id) *sender*

login button simply leads to tab bar controller of the application. no input validation!

Parameters

<i>sender</i>	UIButton
---------------	----------

4.6.1.3 - (void) [viewDidLoad](#) [implementation]

Reimplemented from [ViewController](#).

4.6.2 Property Documentation

4.6.2.1 - (IBOutlet UIButton*) [loginButton](#) [read], [write], [nonatomic], [weak]

4.6.2.2 - (IBOutlet UITextField*) [passwordField](#) [read], [write], [nonatomic], [weak]

4.6.2.3 - (IBOutlet UITextField*) [userNameField](#) [read], [write], [nonatomic], [weak]

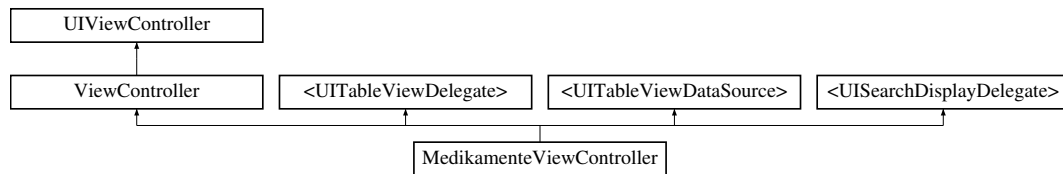
The documentation for this class was generated from the following files:

- [LoginViewController.h](#)
- [LoginViewController.m](#)

4.7 MedikamenteViewController Class Reference

```
#import <MedikamenteViewController.h>
```

Inheritance diagram for MedikamenteViewController:



Instance Methods

- (void) - [viewDidLoad](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]
- (NSInteger) - [numberOfSectionsInTableView:](#) [implementation]
- (CGFloat) - [tableView:heightForHeaderInSection:](#) [implementation]
- (UIView *) - [tableView:viewForHeaderInSection:](#) [implementation]
- (NSInteger) - [tableView:numberOfRowsInSection:](#) [implementation]
- (UITableViewCell *) - [tableView:cellForRowAtIndexPath:](#) [implementation]
- (void) - [tableView:didSelectRowAtIndexPath:](#) [implementation]
- (CGFloat) - [tableView:heightForRowAtIndexPath:](#) [implementation]
- (void) - [performFetch](#) [implementation]
- (NSString *) - [getBirthdateString:](#) [implementation]
- (NSString *) - [getSchemeString:](#) [implementation]
- (void) - [filterContentForSearchText:scope:](#) [implementation]
- (BOOL) - [searchDisplayController:shouldReloadTableForSearchString:](#) [implementation]
- (void) - [searchDisplayControllerWillBeginSearch:](#) [implementation]
- (NSString *) - [getStationString:](#) [implementation]

Properties

- NSMutableArray * [scheduledPrescriptionsMorning](#)
- NSMutableArray * [scheduledPrescriptionsEvening](#)
- NSMutableArray * [scheduledPrescriptionsNight](#)
- NSMutableArray * [scheduledPrescriptionsNoon](#)
- NSMutableArray * [searchResultsMorning](#)
- NSMutableArray * [searchResultsEvening](#)
- NSMutableArray * [searchResultsNoon](#)
- NSMutableArray * [searchResultsNight](#)
- NSMutableArray * [scheduledPrescriptions](#)
- IBOutlet UITableView * [scheduledPrescriptionsTable](#)
- NSManagedObjectContext * [managedObjectContext](#)
- NSArray * [patients](#)
- NSArray * [medications](#)

4.7.1 Method Documentation

4.7.1.1 - (void) [didReceiveMemoryWarning](#) [implementation]

default method

Reimplemented from [ViewController](#).

4.7.1.2 - (void) [filterContentForSearchText:](#) (NSString *) *searchText* scope:(NSString *) *scope* [implementation]

filters the arrays of the table view based on a specified search text and a scope that can be chosen by the user.

Parameters

<i>searchText</i>	a NSString holding the text to search for
<i>scope</i>	a NSString holding the scope

4.7.1.3 - (NSString *) **getBirthdateString:** (NSString *) *birthdate* [implementation]

converts NSString values of the birthdate (cosmetical issues)

Parameters

<i>birthdate</i>	a NSString of format yyyy-mm-dd
------------------	---------------------------------

Returns

a NSString of format dd.mm.yyyy

4.7.1.4 - (NSString *) **getSchemeString:** (NSString *) *scheme* [implementation]

converts a scheme of the format 1111 to the format 1-1-1-1

Parameters

<i>scheme</i>	a NSString with format dddd
---------------	-----------------------------

Returns

a NSString with format d-d-d-d

4.7.1.5 - (NSString *) **getStationString:** (NSString*) *station* [implementation]

extracts the station identifier e.g. "A" or "B" from the station string ("Station A" or "Station B")

Parameters

<i>station</i>	a NSString of format "Station A" or "Station B"
----------------	---

Returns

a NSString holding the identifier e.g. "A" or "B"

4.7.1.6 - (NSInteger) **numberOfSectionsInTableView:** (UITableView *) *tableView* [implementation]

customize the number of sections in the table view and the search results table view.

Parameters

<i>tableView</i>	a UITableView
------------------	---------------

Returns

a NSInteger holding the number of sections for the table view

4.7.1.7 - (void) **performFetch** [implementation]

gets all scheduled prescriptions from the supply chain service, gets the corresponding patients from core data and builds the instance variable arrays holding [ListScheduledPrescription](#) objects.

4.7.1.8 - (BOOL) searchDisplayController: (UISearchDisplayController *) *controller* shouldReloadTableForSearchString:(NSString *) *searchString* [implementation]

indicates if the search table view should be reloaded

Parameters

<i>controller</i>	an UISearchDisplayController
<i>searchString</i>	a NSString holding the search text

Returns

a BOOL indicating if the search table view should be reloaded

4.7.1.9 - (void) searchDisplayControllerWillBeginSearch: (UISearchDisplayController *) *controller*
[implementation]

method always called if user types in a searchtext, sets the button title to "Abbrechen" (default: "Cancel")

Parameters

<i>controller</i>	an UISearchDisplayController
-------------------	------------------------------

4.7.1.10 - (UITableViewCell *) tableView: (UITableView *) *tableView* cellForRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

Customize the appearance of table view cells.

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

Returns

Custom UITableViewCell of class [ScheduledPrescriptionCell.h](#)

4.7.1.11 - (void) tableView: (UITableView *) *tableView* didSelectRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

called when the user selects a cell from the table view.

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

4.7.1.12 - (CGFloat) tableView: (UITableView *) *tableView* heightForHeaderInSection:(NSInteger) *section*
[implementation]

customize the height of the header in a specific section

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a CGFloat holding the height of the header in section

4.7.1.13 - (CGFloat) tableView: (UITableView *) *tableView* heightForRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

sets the height for the rows in the table view

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

Returns

a CGFloat holding the height for the row at specified index path

4.7.1.14 - (NSInteger) tableView: (UITableView *) *tableView* numberOfRowsInSection:(NSInteger) *section*
[implementation]

customize the number of rows in the sections of table view and the search results table view.

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a NSInteger holding the number of rows for the specified sections.

4.7.1.15 - (UIView *) tableView: (UITableView *) *tableView* viewForHeaderInSection:(NSInteger) *section*
[implementation]

customize the view for the header in section

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a UIView holding a label with the title (bold)

4.7.1.16 - (void) viewDidLoad [implementation]

synthesize the instance variables always called after loading the view

Reimplemented from [ViewController](#).

4.7.2 Property Documentation

4.7.2.1 - (NSManagedObjectContext*) managedObjectContext [read],[write],[nonatomic],[strong]

4.7.2.2 - (NSArray*) medications [read],[write],[nonatomic],[strong]

4.7.2.3 - (NSArray*) patients [read],[write],[nonatomic],[strong]

4.7.2.4 - (NSMutableArray*) scheduledPrescriptions [read],[write],[nonatomic],[strong]

4.7.2.5 - (NSMutableArray*) scheduledPrescriptionsEvening [read],[write],[nonatomic],[strong]

- 4.7.2.6 - (NSMutableArray*) `scheduledPrescriptionsMorning` [read],[write],[nonatomic],[strong]
- 4.7.2.7 - (NSMutableArray*) `scheduledPrescriptionsNight` [read],[write],[nonatomic],[strong]
- 4.7.2.8 - (NSMutableArray*) `scheduledPrescriptionsNoon` [read],[write],[nonatomic],[strong]
- 4.7.2.9 - (IBOutlet UITableView*) `scheduledPrescriptionsTable` [read],[write],[nonatomic],[weak]
- 4.7.2.10 - (NSMutableArray*) `searchResultsEvening` [read],[write],[nonatomic],[strong]
- 4.7.2.11 - (NSMutableArray*) `searchResultsMorning` [read],[write],[nonatomic],[strong]
- 4.7.2.12 - (NSMutableArray*) `searchResultsNight` [read],[write],[nonatomic],[strong]
- 4.7.2.13 - (NSMutableArray*) `searchResultsNoon` [read],[write],[nonatomic],[strong]

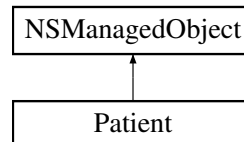
The documentation for this class was generated from the following files:

- [MedikamenteViewController.h](#)
- [MedikamenteViewController.m](#)

4.8 Patient Class Reference

```
#import <Patient.h>
```

Inheritance diagram for Patient:



Properties

- NSString * [gender](#)
- NSString * [polypointPID](#)
- NSString * [name](#)
- NSString * [firstname](#)
- NSString * [minorid](#)
- NSString * [birthdate](#)
- NSString * [station](#)
- NSString * [room](#)
- NSString * [reastate](#)
- NSString * [caseID](#)
- NSString * [bloodgroup](#)

4.8.1 Property Documentation

- 4.8.1.1 - (NSString*) `birthdate` [read],[write],[atomic]
- 4.8.1.2 - (NSString*) `bloodgroup` [read],[write],[atomic]

- 4.8.1.3 - (NSString*) **caseID** [read],[write],[atomic]
- 4.8.1.4 - (NSString*) **firstname** [read],[write],[atomic]
- 4.8.1.5 - (NSString*) **gender** [read],[write],[atomic]
- 4.8.1.6 - (NSString*) **minorid** [read],[write],[atomic]
- 4.8.1.7 - (NSString*) **name** [read],[write],[atomic]
- 4.8.1.8 - (NSString*) **polypointPID** [read],[write],[atomic]
- 4.8.1.9 - (NSString*) **reastate** [read],[write],[atomic]
- 4.8.1.10 - (NSString*) **room** [read],[write],[atomic]
- 4.8.1.11 - (NSString*) **station** [read],[write],[atomic]

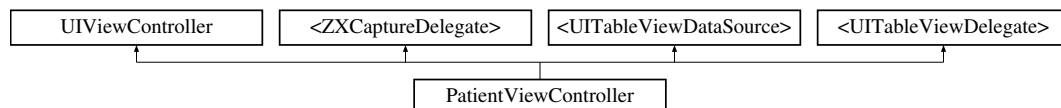
The documentation for this class was generated from the following file:

- [Patient.h](#)

4.9 PatientViewController Class Reference

```
#import <PatientViewController.h>
```

Inheritance diagram for PatientViewController:



Instance Methods

- (IBAction) - [segmentedValueChanged](#):
- (void) - [viewDidLoad](#) [implementation]
- (void) - [viewWillAppear](#) [implementation]
- (NSInteger) - [numberOfSectionsInTableView](#) [implementation]
- (NSInteger) - [tableView:numberOfRowsInSection](#) [implementation]
- (UIView *) - [tableView:viewForHeaderInSection](#) [implementation]
- (UITableViewCell *) - [tableView:cellForRowAtIndexPath](#) [implementation]
- (CGFloat) - [tableView:heightForRowAtIndexPath](#) [implementation]
- (void) - [setBackButtonAndTitle](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]
- (void) - [backToBeaconView](#) [implementation]
- (NSString *) - [barcodeFormatToString](#) [implementation]
- (void) - [captureResult:result](#) [implementation]
- (void) - [performFetch](#) [implementation]
- (void) - [tableView:didSelectRowAtIndexPath](#) [implementation]
- (IBAction) - [segmentedValueChanged](#) [implementation]
- (void) - [showInfoAlert](#) [implementation]
- (void) - [dealloc](#) [implementation]

- (NSString *) - [getBloodGroupString](#) [implementation]
- (NSString *) - [getStationString](#) [implementation]
- (NSString *) - [getBirthdateString](#) [implementation]

Protected Attributes

- NSMutableArray * [prescriptions](#)

Properties

- IBOutlet UILabel * [nameLabel](#)
- IBOutlet UILabel * [firstnameLabel](#)
- IBOutlet UILabel * [birthdateLabel](#)
- IBOutlet UILabel * [genderLabel](#)
- IBOutlet UILabel * [pidLabel](#)
- IBOutlet UILabel * [fidLabel](#)
- IBOutlet UILabel * [bloodgroupLabel](#)
- IBOutlet UILabel * [reaLabel](#)
- IBOutlet UILabel * [roomLabel](#)
- IBOutlet UIImageView * [patientImage](#)
- IBOutlet UINavigationController * [navBar](#)
- NSString * [name](#)
- NSString * [firstname](#)
- NSString * [birthdate](#)
- NSString * [gender](#)
- NSString * [station](#)
- NSString * [pid](#)
- NSString * [reastate](#)
- NSString * [bloodgroup](#)
- NSString * [room](#)
- NSString * [caseid](#)
- UIImage * [image](#)
- IBOutlet UIView * [utilityView](#)
- IBOutlet UIView * [scanView](#)
- IBOutlet UIView * [scanRectView](#)
- ZXCapture * [capture](#)
- IBOutlet UILabel * [stationLabel](#)
- BOOL [hasScannedResult](#)
- IBOutlet UIView * [mainView](#)
- IBOutlet UIView * [patientView](#)
- IBOutlet UIView * [prescriptionView](#)
- IBOutlet UISegmentedControl * [segmentedControl](#)
- IBOutlet UITableView * [prescriptionTable](#)

4.9.1 Method Documentation

4.9.1.1 - (void) [backToBeaconView:](#) (id) *sender* [implementation]

action method for the back button

Parameters

<i>sender</i>	UIButton
---------------	----------

4.9.1.2 - (NSString *) barcodeFormatToString: (ZXBarcodeFormat) format [implementation]

private helper method to convert the scanned barcode formats to strings

Parameters

<i>format</i>	ZXBarcodeFormat
---------------	-----------------

Returns

NSString

4.9.1.3 - (void) captureResult: (ZXCapture *) capture result:(ZXResult *) result [implementation]

capture method of the scanner

Parameters

<i>capture</i>	ZXCapture
<i>result</i>	ZXResult

4.9.1.4 - (void) dealloc [implementation]

dealloc method to remove capture layer from superlayer

4.9.1.5 - (void) didReceiveMemoryWarning [implementation]**4.9.1.6 - (NSString *) getBirthdateString** [implementation]

converts NSString values of the birthdate (cosmetical issues)

Returns

a NSString of format dd.mm.yyyy

4.9.1.7 - (NSString *) getBloodGroupString [implementation]

Translator method for bloodgroup values.

Returns

NSString translated bloodgroup

4.9.1.8 - (NSString *) getStationString [implementation]

extracts the station identifier e.g. "A" or "B" from the station string ("Station A" or "Station B")

Returns

a NSString holding the identifier e.g. "A" or "B"

4.9.1.9 - (NSInteger) numberOfSectionsInTableView: (UITableView *) *tableView* [implementation]

Customize the number of sections in the table view

Parameters

<i>tableView</i>	UITableView
------------------	-------------

Returns

NSInteger number of sections

4.9.1.10 - (void) **performFetch** [implementation]

get all prescriptions for the selected patient from supply chain service.

4.9.1.11 - (IBAction) **segmentedValueChanged:** (UISegmentedControl *) *sender* [implementation]

managing the views of the segmented control

Parameters

<i>sender</i>	UISegmentedControl
---------------	--------------------

4.9.1.12 - (IBAction) **segmentedValueChanged:** (id) *sender*

4.9.1.13 - (void) **setBackButtonAndTitle** [implementation]

set the back button and the title of the navigation bar

4.9.1.14 - (void) **showInfoAlert:** (UIButton*) *sender* [implementation]

show information for a selected prescription row to the user

Parameters

<i>sender</i>	UIButton
---------------	----------

4.9.1.15 - (UITableViewCell *) **tableView:** (UITableView *) *tableView* cellForRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

Customize the appearance of table view cells

Parameters

<i>tableView</i>	UITableView
<i>indexPath</i>	NSIndexPath

Returns

UITableViewCell custom cell of class "PrescriptionTableViewCell.h"

4.9.1.16 - (void) **tableView:** (UITableView *) *tableView* didSelectRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

handle the user selections and set the accessory checkmark

Parameters

<i>tableView</i>	UITableView
<i>indexPath</i>	NSIndexPath

4.9.1.17 - (CGFloat) tableView: (UITableView *) *tableView* heightForRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

customizing the row height

Parameters

<i>tableView</i>	UITableView
<i>indexPath</i>	NSIndexPath

Returns

CGFloat height for the row at a specific index path

4.9.1.18 - (NSInteger) tableView: (UITableView *) *tableView* numberOfRowsInSection:(NSInteger) *section*
[implementation]

Customize the number of rows in the section

Parameters

<i>tableView</i>	UITableView
<i>section</i>	NSInteger

Returns

NSInteger number of rows in section

4.9.1.19 - (UIView *) tableView: (UITableView *) *tableView* viewForHeaderInSection:(NSInteger) *section*
[implementation]

Sets and returns the view for the header in the specified section.

Parameters

<i>tableView</i>	UITableView
<i>section</i>	NSInteger

Returns

UIView view for the header in the specified section

4.9.1.20 - (void) viewDidLoad [implementation]

always called when view did load

4.9.1.21 - (void) viewWillAppear: (BOOL) *animated* [implementation]

always called when view will appear

Parameters

<i>animated</i>	BOOL
-----------------	------

4.9.2 Member Data Documentation

4.9.2.1 - (NSMutableArray*) **prescriptions** [protected]

4.9.3 Property Documentation

4.9.3.1 - (NSString*) **birthdate** [read], [write], [nonatomic], [strong]

4.9.3.2 - (IBOutlet UILabel*) **birthdateLabel** [read], [write], [nonatomic], [weak]

4.9.3.3 - (NSString*) **bloodgroup** [read], [write], [nonatomic], [strong]

4.9.3.4 - (IBOutlet UILabel*) **bloodgroupLabel** [read], [write], [nonatomic], [weak]

4.9.3.5 - (ZXCapture*) **capture** [read], [write], [nonatomic], [strong]

4.9.3.6 - (NSString*) **caseid** [read], [write], [nonatomic], [strong]

4.9.3.7 - (IBOutlet UILabel*) **fidLabel** [read], [write], [nonatomic], [weak]

4.9.3.8 - (NSString*) **firstname** [read], [write], [nonatomic], [strong]

4.9.3.9 - (IBOutlet UILabel*) **firstnameLabel** [read], [write], [nonatomic], [weak]

4.9.3.10 - (NSString*) **gender** [read], [write], [nonatomic], [strong]

4.9.3.11 - (IBOutlet UILabel*) **genderLabel** [read], [write], [nonatomic], [weak]

4.9.3.12 - (BOOL) **hasScannedResult** [read], [write], [nonatomic], [assign]

4.9.3.13 - (UIImage*) **image** [read], [write], [nonatomic], [strong]

4.9.3.14 - (IBOutlet UIView*) **mainView** [read], [write], [nonatomic], [strong]

4.9.3.15 - (NSString*) **name** [read], [write], [nonatomic], [strong]

4.9.3.16 - (IBOutlet UILabel*) **nameLabel** [read], [write], [nonatomic], [weak]

4.9.3.17 - (IBOutlet UINavigationController*) **navBar** [read], [write], [nonatomic], [weak]

4.9.3.18 - (IBOutlet UIImageView*) **patientImage** [read], [write], [nonatomic], [weak]

4.9.3.19 - (IBOutlet UIView*) **patientView** [read], [write], [nonatomic], [weak]

4.9.3.20 - (NSString*) **pid** [read], [write], [nonatomic], [strong]

4.9.3.21 - (IBOutlet UILabel*) **pidLabel** [read], [write], [nonatomic], [weak]

4.9.3.22 - (IBOutlet UITableView*) **prescriptionTable** [read], [write], [nonatomic], [weak]

4.9.3.23 - (IBOutlet UIView*) **prescriptionView** [read], [write], [nonatomic], [weak]

- 4.9.3.24 - (IBOutlet UILabel*) **reaLabel** [read], [write], [nonatomic], [weak]
- 4.9.3.25 - (NSString*) **reastate** [read], [write], [nonatomic], [strong]
- 4.9.3.26 - (NSString*) **room** [read], [write], [nonatomic], [strong]
- 4.9.3.27 - (IBOutlet UILabel*) **roomLabel** [read], [write], [nonatomic], [weak]
- 4.9.3.28 - (IBOutlet UIView*) **scanRectView** [read], [write], [nonatomic], [weak]
- 4.9.3.29 - (IBOutlet UIView*) **scanView** [read], [write], [nonatomic], [weak]
- 4.9.3.30 - (IBOutlet UISegmentedControl*) **segmentedControl** [read], [write], [nonatomic], [weak]
- 4.9.3.31 - (NSString*) **station** [read], [write], [nonatomic], [strong]
- 4.9.3.32 - (IBOutlet UILabel*) **stationLabel** [read], [write], [nonatomic], [weak]
- 4.9.3.33 - (IBOutlet UIView*) **utilityView** [read], [write], [nonatomic], [weak]

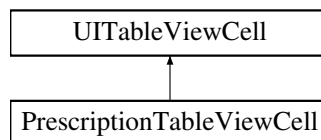
The documentation for this class was generated from the following files:

- [PatientViewController.h](#)
- [PatientViewController.m](#)

4.10 PrescriptionTableViewCell Class Reference

```
#import <PrescriptionTableViewCell.h>
```

Inheritance diagram for PrescriptionTableViewCell:



Instance Methods

- (void) - [awakeFromNib](#) [implementation]
- (void) - [setSelected:animated:](#) [implementation]

Properties

- IBOutlet UILabel * [cellNumberLabel](#)
- IBOutlet UILabel * [nameLabel](#)
- IBOutlet UILabel * [descriptionLabel](#)
- IBOutlet UILabel * [dateLabel](#)
- IBOutlet UIButton * [infoButton](#)

4.10.1 Method Documentation

4.10.1.1 - (void) `awakeFromNib` [implementation]

4.10.1.2 - (void) `setSelected: (BOOL) selected animated:(BOOL) animated` [implementation]

4.10.2 Property Documentation

4.10.2.1 - (IBOutlet UILabel*) `cellNumberLabel` [read], [write], [nonatomic], [weak]

4.10.2.2 - (IBOutlet UILabel*) `dateLabel` [read], [write], [nonatomic], [weak]

4.10.2.3 - (IBOutlet UILabel*) `descriptionLabel` [read], [write], [nonatomic], [weak]

4.10.2.4 - (IBOutlet UIButton*) `infoButton` [read], [write], [nonatomic], [weak]

4.10.2.5 - (IBOutlet UILabel*) `nameLabel` [read], [write], [nonatomic], [weak]

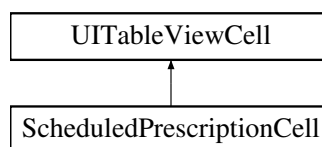
The documentation for this class was generated from the following files:

- [PrescriptionTableViewCell.h](#)
- [PrescriptionTableViewCell.m](#)

4.11 ScheduledPrescriptionCell Class Reference

```
#import <ScheduledPrescriptionCell.h>
```

Inheritance diagram for ScheduledPrescriptionCell:



Instance Methods

- (void) - `awakeFromNib` [implementation]
- (void) - `setSelected:animated:` [implementation]

Properties

- IBOutlet UILabel * `nameLabel`
- IBOutlet UILabel * `schemeLabel`
- IBOutlet UILabel * `descriptionLabel`
- IBOutlet UILabel * `birthdateLabel`
- IBOutlet UIImageView * `patientImage`
- IBOutlet UILabel * `medicationLabel`

4.11.1 Method Documentation

4.11.1.1 - (void) `awakeFromNib` [implementation]

4.11.1.2 - (void) `setSelected: (BOOL) selected animated:(BOOL) animated` [implementation]

4.11.2 Property Documentation

4.11.2.1 - (IBOutlet UILabel*) `birthdateLabel` [read],[write],[nonatomic],[weak]

4.11.2.2 - (IBOutlet UILabel*) `descriptionLabel` [read],[write],[nonatomic],[weak]

4.11.2.3 - (IBOutlet UILabel*) `medicationLabel` [read],[write],[nonatomic],[weak]

4.11.2.4 - (IBOutlet UILabel*) `nameLabel` [read],[write],[nonatomic],[weak]

4.11.2.5 - (IBOutlet UIImageView*) `patientImage` [read],[write],[nonatomic],[weak]

4.11.2.6 - (IBOutlet UILabel*) `schemeLabel` [read],[write],[nonatomic],[weak]

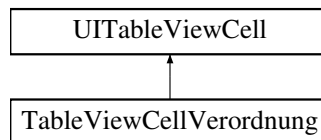
The documentation for this class was generated from the following files:

- [ScheduledPrescriptionCell.h](#)
- [ScheduledPrescriptionCell.m](#)

4.12 TableViewCellVerordnung Class Reference

```
#import <TableViewCellVerordnung.h>
```

Inheritance diagram for TableViewCellVerordnung:



Instance Methods

- (void) - [awakeFromNib](#) [implementation]
- (void) - [setSelected:animated:](#) [implementation]

Properties

- IBOutlet UIImageView * [patientImage](#)
- IBOutlet UILabel * [nameLabel](#)
- IBOutlet UILabel * [birthdateLabel](#)
- IBOutlet UILabel * [prescriptionNbLabel](#)

4.12.1 Method Documentation

4.12.1.1 - (void) `awakeFromNib` [implementation]

4.12.1.2 - (void) setSelected: (BOOL) *selected* animated:(BOOL) *animated* [implementation]

4.12.2 Property Documentation

4.12.2.1 - (IBOutlet UILabel*) birthdateLabel [read],[write],[nonatomic],[weak]

4.12.2.2 - (IBOutlet UILabel*) nameLabel [read],[write],[nonatomic],[weak]

4.12.2.3 - (IBOutlet UIImageView*) patientImage [read],[write],[nonatomic],[weak]

4.12.2.4 - (IBOutlet UILabel*) prescriptionNbLabel [read],[write],[nonatomic],[weak]

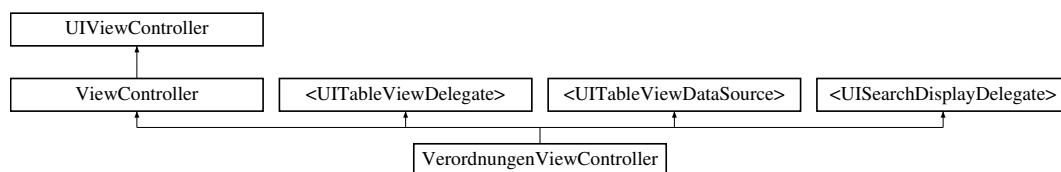
The documentation for this class was generated from the following files:

- [TableViewCellVerordnung.h](#)
- [TableViewCellVerordnung.m](#)

4.13 VerordnungenViewController Class Reference

```
#import <VerordnungenViewController.h>
```

Inheritance diagram for VerordnungenViewController:



Instance Methods

- (void) - [viewDidLoad](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]
- (NSInteger) - [numberOfSectionsInTableView:](#) [implementation]
- (UIView *) - [tableView:viewForHeaderInSection:](#) [implementation]
- (NSInteger) - [tableView:numberOfRowsInSection:](#) [implementation]
- (CGFloat) - [tableView:heightForHeaderInSection:](#) [implementation]
- (UITableViewCell *) - [tableView:cellForRowAtIndexPath:](#) [implementation]
- (void) - [tableView:didSelectRowAtIndexPath:](#) [implementation]
- (CGFloat) - [tableView:heightForRowAtIndexPath:](#) [implementation]
- (void) - [performFetch](#) [implementation]
- (NSString *) - [getBirthdateString:](#) [implementation]
- (NSString *) - [getStationString:](#) [implementation]
- (void) - [filterContentForSearchText:scope:](#) [implementation]
- (BOOL) - [searchDisplayController:shouldReloadTableForSearchString:](#) [implementation]
- (void) - [searchDisplayControllerWillBeginSearch:](#) [implementation]

Properties

- IBOutlet UITableView * [tableViewVerordnungen](#)
- NSArray * [patientsA](#)
- NSArray * [patientsB](#)

- NSMutableArray * [listPatientsA](#)
- NSMutableArray * [listPatientsB](#)
- NSMutableArray * [listPatients](#)
- NSMutableArray * [searchResultsA](#)
- NSMutableArray * [searchResultsB](#)
- NSManagedObjectContext * [managedObjectContext](#)

4.13.1 Method Documentation

4.13.1.1 - (void) [didReceiveMemoryWarning](#) [implementation]

Reimplemented from [ViewController](#).

4.13.1.2 - (void) [filterContentForSearchText:\(NSString *\) searchText scope:\(NSString *\) scope](#) [implementation]

filters the arrays of the table view based on a specified search text and a scope that can be chosen by the user.

Parameters

<i>searchText</i>	a NSString holding the text to search for
<i>scope</i>	a NSString holding the scope

4.13.1.3 - (NSString *) [getBirthdateString:\(NSString *\) birthdate](#) [implementation]

converts NSString values of the birthdate (cosmetical issues)

Parameters

<i>birthdate</i>	a NSString of format yyyy-mm-dd
------------------	---------------------------------

Returns

a NSString of format dd.mm.yyyy

4.13.1.4 - (NSString *) [getStationString:\(NSString *\) station](#) [implementation]

extracts the station identifier e.g. "A" or "B" from the station string ("Station A" or "Station B")

Parameters

<i>station</i>	a NSString of format "Station A" or "Station B"
----------------	---

Returns

a NSString holding the identifier e.g. "A" or "B"

4.13.1.5 - (NSInteger) [numberOfSectionsInTableView:\(UITableView *\) tableView](#) [implementation]

customize the number of sections in the table view and the search results table view.

Parameters

<i>tableView</i>	a UITableView
------------------	---------------

Returns

a NSInteger holding the number of sections for the table view

4.13.1.6 - (void) performFetch [implementation]

performs the fetch of the patients in core data and the open prescriptions in the webservice

4.13.1.7 - (BOOL) searchDisplayController: (UISearchDisplayController *) controller shouldReloadTableForSearchString:(NSString *) searchString [implementation]

indicates if the search table view should be reloaded

Parameters

<i>controller</i>	an UISearchDisplayController
<i>searchString</i>	a NSString holding the search text

Returns

a BOOL indicating if the search table view should be reloaded

4.13.1.8 - (void) searchDisplayControllerWillBeginSearch: (UISearchDisplayController *) controller [implementation]

method always called if user types in a searchtext, sets the button title to "Abbrechen" (default: "Cancel")

Parameters

<i>controller</i>	an UISearchDisplayController
-------------------	------------------------------

4.13.1.9 - (UITableViewCell *) tableView: (UITableView *) tableView cellForRowAtIndexPath:(NSIndexPath *) indexPath [implementation]

Customize the appearance of table view cells.

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

Returns

Custom UITableViewCell of class [TableViewCellVerordnung.h](#)

4.13.1.10 - (void) tableView: (UITableView *) tableView didSelectRowAtIndexPath:(NSIndexPath *) indexPath [implementation]

called when the user selects a cell from the table view.

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

4.13.1.11 - (CGFloat) tableView: (UITableView *) *tableView* heightForHeaderInSection:(NSInteger) *section*
[implementation]

customize the height of the header in a specific section

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a CGFloat holding the height of the header in section

4.13.1.12 - (CGFloat) tableView: (UITableView *) *tableView* heightForRowAtIndexPath:(NSIndexPath *) *indexPath*
[implementation]

sets the height for the rows in the table view

Parameters

<i>tableView</i>	a UITableView
<i>indexPath</i>	a NSIndexPath

Returns

a CGFloat holding the height for the row at specified index path

4.13.1.13 - (NSInteger) tableView: (UITableView *) *tableView* numberOfRowsInSection:(NSInteger) *section*
[implementation]

customize the number of rows in the sections of table view and the search results table view.

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a NSInteger holding the number of rows for the specified sections.

4.13.1.14 - (UIView *) tableView: (UITableView *) *tableView* viewForHeaderInSection:(NSInteger) *section*
[implementation]

customize the view for the header in section

Parameters

<i>tableView</i>	a UITableView
<i>section</i>	a NSInteger

Returns

a UIView holding a label with the title (bold)

4.13.1.15 - (void) viewDidLoad [implementation]

Reimplemented from [ViewController](#).

4.13.2 Property Documentation

4.13.2.1 - (NSMutableArray*) listPatients [read], [write], [nonatomic], [strong]

4.13.2.2 - (NSMutableArray*) listPatientsA [read], [write], [nonatomic], [strong]

4.13.2.3 - (NSMutableArray*) listPatientsB [read], [write], [nonatomic], [strong]

4.13.2.4 - (NSManagedObjectContext*) managedObjectContext [read], [write], [nonatomic], [strong]

4.13.2.5 - (NSArray*) patientsA [read], [write], [nonatomic], [strong]

4.13.2.6 - (NSArray*) patientsB [read], [write], [nonatomic], [strong]

4.13.2.7 - (NSMutableArray*) searchResultsA [read], [write], [nonatomic], [strong]

4.13.2.8 - (NSMutableArray*) searchResultsB [read], [write], [nonatomic], [strong]

4.13.2.9 - (IBOutlet UITableView*) tableViewVerordnungen [read], [write], [nonatomic], [weak]

table view that lists the patients sectioned in stations

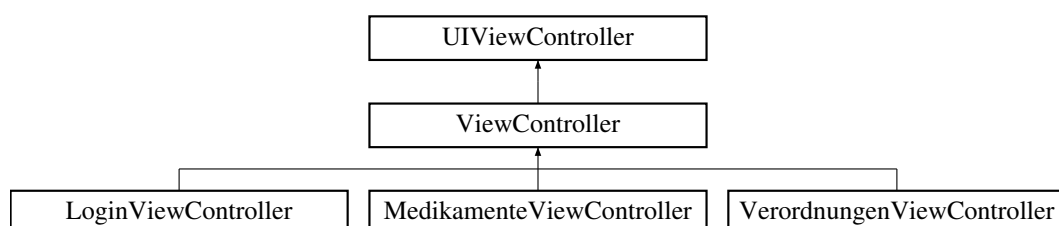
The documentation for this class was generated from the following files:

- [VerordnungenViewController.h](#)
- [VerordnungenViewController.m](#)

4.14 ViewController Class Reference

```
#import <ViewController.h>
```

Inheritance diagram for ViewController:



Instance Methods

- (void) - [viewDidLoad](#) [implementation]
- (void) - [viewWillAppear:](#) [implementation]
- (void) - [didReceiveMemoryWarning](#) [implementation]

4.14.1 Method Documentation

4.14.1.1 - (void) [didReceiveMemoryWarning](#) [implementation]

Reimplemented in [MedikamenteViewController](#), [VerordnungenViewController](#), and [LoginViewController](#).

4.14.1.2 - (void) [viewDidLoad](#) [implementation]

Reimplemented in [MedikamenteViewController](#), [VerordnungenViewController](#), and [LoginViewController](#).

4.14.1.3 - (void) [viewWillAppear:](#) (BOOL) *animated* [implementation]

The documentation for this class was generated from the following files:

- [ViewController.h](#)
- [ViewController.m](#)

Chapter 5

File Documentation

5.1 AppDelegate.h File Reference

```
#import <UIKit/UIKit.h>
#import <CoreData/CoreData.h>
```

Classes

- class [AppDelegate](#)

5.2 AppDelegate.m File Reference

```
#import "AppDelegate.h"
#import "Patient.h"
#import "SupplyChainServicePortBinding.h"
#import "gender.h"
#import "bloodgroup.h"
#import "trspPatient.h"
```

5.3 BarcodeViewController.h File Reference

```
#import <UIKit/UIKit.h>
#import "ZXingObjC.h"
```

Classes

- class [BarcodeViewController](#)

5.4 BarcodeViewController.m File Reference

```
#import <AudioToolbox/AudioToolbox.h>
#import "BarcodeViewController.h"
#import "PatientViewController.h"
#import "AppDelegate.h"
#import "Patient.h"
```

5.5 BeaconViewController.h File Reference

```
#import "ViewController.h"
```

Classes

- class [BeaconViewController](#)

Variables

- import [CoreLocation](#)
- import [CoreBluetooth](#)

5.5.1 Variable Documentation

5.5.1.1 import [CoreBluetooth](#)

5.5.1.2 import [CoreLocation](#)

5.6 BeaconViewController.m File Reference

```
#import "BeaconViewController.h"
#import "AppDelegate.h"
#import "Patient.h"
#import "PatientViewController.h"
```

Functions

- typedef [NS_ENUM](#) (NSUInteger, NTSectionType)
- typedef [NS_ENUM](#) (NSUInteger, NTOperationsRow)

5.6.1 Function Documentation

5.6.1.1 typedef [NS_ENUM](#) (NSUInteger , NTSectionType)

5.6.1.2 typedef [NS_ENUM](#) (NSUInteger , NTOperationsRow)

5.7 ListPatient.h File Reference

```
#import <Foundation/Foundation.h>
#import "Patient.h"
```

Classes

- class [ListPatient](#)

5.8 ListPatient.m File Reference

```
#import "ListPatient.h"
```

5.9 ListScheduledPrescription.h File Reference

```
#import <Foundation/Foundation.h>
#import "Patient.h"
#import "trspPrescription.h"
```

Classes

- class [ListScheduledPrescription](#)

5.10 ListScheduledPrescription.m File Reference

```
#import "ListScheduledPrescription.h"
```

5.11 LoginViewController.h File Reference

```
#import "ViewController.h"
```

Classes

- class [LoginViewController](#)

5.12 LoginViewController.m File Reference

```
#import "LoginViewController.h"
```

5.13 main.m File Reference

```
#import <UIKit/UIKit.h>
#import "AppDelegate.h"
```

Functions

- int [main](#) (int argc, char *argv[])

5.13.1 Function Documentation

5.13.1.1 int main (int *argc*, char * *argv*[])

5.14 MedikamenteViewController.h File Reference

```
#import "ViewController.h"
```

Classes

- class [MedikamenteViewController](#)

5.15 MedikamenteViewController.m File Reference

```
#import "MedikamenteViewController.h"
#import "SupplyChainServicePortBinding.h"
#import "ScheduledPrescriptionCell.h"
#import "trspPrescription.h"
#import "trspPreparedMedication.h"
#import "AppDelegate.h"
#import "Patient.h"
#import "ListScheduledPrescription.h"
```

5.16 Patient.h File Reference

```
#import <CoreData/CoreData.h>
```

Classes

- class [Patient](#)

5.17 Patient.m File Reference

```
#import "Patient.h"
```

5.18 PatientViewController.h File Reference

```
#import <UIKit/UIKit.h>
#import "ZXingObjC.h"
```

Classes

- class [PatientViewController](#)

5.19 PatientViewController.m File Reference

```
#import <AudioToolbox/AudioToolbox.h>
#import "PatientViewController.h"
#import "PrescriptionTableViewCell.h"
#import "SupplyChainServicePortBinding.h"
#import "trspPrescription.h"
#import "trspMedication.h"
```

5.20 PrescriptionTableViewCell.h File Reference

```
#import <UIKit/UIKit.h>
```

Classes

- class [PrescriptionTableViewCell](#)

5.21 PrescriptionTableViewCell.m File Reference

```
#import "PrescriptionTableViewCell.h"
```

5.22 ScheduledPrescriptionCell.h File Reference

```
#import <UIKit/UIKit.h>
```

Classes

- class [ScheduledPrescriptionCell](#)

5.23 ScheduledPrescriptionCell.m File Reference

```
#import "ScheduledPrescriptionCell.h"
```

5.24 TableViewCellVerordnung.h File Reference

```
#import <UIKit/UIKit.h>
```

Classes

- class [TableViewCellVerordnung](#)

5.25 TableViewCellVerordnung.m File Reference

```
#import "TableViewCellVerordnung.h"
```

5.26 VerordnungenViewController.h File Reference

```
#import "ViewController.h"
```

Classes

- class [VerordnungenViewController](#)

5.27 VerordnungenViewController.m File Reference

```
#import "VerordnungenViewController.h"
#import "TableViewCellVerordnung.h"
#import "AppDelegate.h"
#import "Patient.h"
#import "SupplyChainServicePortBinding.h"
#import "getPreparedPrescriptionsCountForPatientResponse.h"
#import "ListPatient.h"
```

5.28 ViewController.h File Reference

```
#import <UIKit/UIKit.h>
```

Classes

- class [ViewController](#)

5.29 ViewController.m File Reference

```
#import "ViewController.h"  
#import "SupplyChainServicePortBinding.h"  
#import "webServiceResult.h"  
#import "item.h"  
#import "BeaconViewController.h"
```

