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BeThere
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Made in Canva

WidgetKit

Attributes:
- Widgets

Model

Attributes:
- Event Struct
  - title: String
  - Date: Date
  - startTime: Date
  - endTime: Date
  - location: CLLocation
- ToDo Struct
  - title: String
  - Date: Date
  - startTime: Date
  - endTime: Date
  - location: CLLocation
  - isComplete: Bool

Methods:
- getEvent/Todo (index) → Event? / ToDo?
- getCurrentEvent / ToDo () → Event? / ToDo?
- getNextEvent / ToDo () → Event? / ToDo
- getAllEvents / ToDos () → [Event] / [ToDo]
- addEvent/ToDo (struct) → Void
- updateEvent / ToDo (struct) → Void
- removeEvent / ToDo () → Void
- setIndexEvent / Todo () → Void
- resetIndexEvent / Todo () → Void
- getIndexEvent/ Todo () → Int
- getCountEvent / Todo () → Int
- sendNotification () → Void
- @IBAction isComplete()

Schedule ViewController

Attributes:
- @IBOutlet calendarView: UICalendarView

Methods:
- viewDidLoad()

Schedule View

Attributes:
- Event Labels
- Date View Button
- Tab Bar Item

ToDo ViewController

Attributes:
- @IBOutlet taskView: UITableView

Methods:
- viewDidLoad()
- @IBAction complete ()

ToDo View

Attributes:
- Task Labels
- isCompleted Button
- TabBar Item

TabBar Controller

Attributes:
- TabBar

Edit ViewController

Attributes:
- @IBOutlet titleField: UITextField
- @IBOutlet dateField: UIDatePicker
- @IBOutlet startField: UIDatePicker
- @IBOutlet endField: UIDatePicker
- @IBOutlet locField: UITextField

Methods:
- viewDidLoad()
- @IBAction confirmEvent()
- @IBAction cancel()

Edit View

Attributes:
- Title Label & TextField
- Date Label & TextField
- Time Label & TextFields
- Location Label & TextField
- Confirm/Cancel Button
- Tab Bar Item

uses

IBOutlet, IBAction

IBOutlet, IBAction

IBOutlet, IBAction

Views belong to respective controller