IOS - TAB BAR

Use of Tab Bar

It's generally used to switch between various subtasks, views or models within the same view.

Example for tab bar is shown below.

Important Properties

- backgroundImage
- items
- selectedItem

Sample Code and Steps

Step 1. Create a new project and select **Tabbed Application** instead of the View Based application and click **next**, Give the project name and select **create**.

Step 2. Here two view controllers are created by default and a tab bar is added to our application.

Step 3. The **AppDelegate.m didFinishLaunchingWithOptions** method is as follows —

```objc
- (BOOL)application:(UIApplication *)application
didFinishLaunchingWithOptions:(NSDictionary *)launchOptions
{
    self.window = [[UIWindow alloc] initWithFrame:[[UIScreen mainScreen]
    bounds]];
    // Override point for customization after application launch.
    UIViewController *viewController1 = [[FirstViewController alloc]
    initWithNibName:@"FirstViewController" bundle:nil];
    UIViewController *viewController2 = [[SecondViewController alloc]
    initWithNibName:@"SecondViewController" bundle:nil];
    self.tabBarController = [[UITabBarController alloc] init];
    self.tabBarController.viewControllers = @[viewController1,
    viewController2];
    self.window.rootViewController = self.tabBarController;
    [self.window makeKeyAndVisible];
    return YES;
}
```

Step 4. Here, two view controllers are allocated and made as view controllers of our tab bar controller.

Step 5. When we run the application, we'll get the following output —