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| --- |
| title User Home Screen  note left of HomeViewController : After login Successfully  note left of HomeViewController : get shared prefrence and check user details  HomeViewController->+HomeViewController : checkDataInSharedPrefrences()  alt if User details found  HomeViewController->HomeViewController : checkInternetConnection()  alt if Connected  note left of HomeViewController : Get discounted products  HomeViewController->+WebServiceManager : getDiscountedProduct()  WebServiceManager ->-HomeViewController : sendResponse()  HomeViewController->HomeViewController : checkResponse()  alt if Valid Response  note left of HomeViewController : Display Discounted Products  HomeViewController->HomeViewController: showDataInViewFlipper()  else Invalid Response  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : show error message  end  else Not Connected  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show no internet message  end    note left of HomeViewController : Fetching Category list  HomeViewController->HomeViewController : checkInternetConnection()  alt if Connected  HomeViewController->+WebServiceManager : getCategorylist()  WebServiceManager ->-HomeViewController : sendResponse()  HomeViewController->HomeViewController : checkResponse()  alt if Valid Response  note left of HomeViewController : Display Categories  HomeViewController->HomeViewController: showDataInUI()    note left of HomeViewController : When user click on any category navigate user to Product Screen  note left of HomeViewController : Send Category In Intent  HomeViewController->ProductViewController : naviagteUserToProductScreen()    else Invaild Response  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show error message  end  else Not Connected  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show no internet message  end    note left of HomeViewController : Fetching Recent Updated Products  HomeViewController->HomeViewController : checkInternetConnection()  alt if Connected  HomeViewController->+WebServiceManager : getRecentUpdates()  WebServiceManager ->-HomeViewController : sendResponse()  HomeViewController->HomeViewController : checkResponse()  alt if Valid Response  note left of HomeViewController : Display Recent Products  HomeViewController->HomeViewController : showDataInUI()  else Invalid Response  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController: Show Error message  end    else Not Connected  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show no internet message  end    note left of HomeViewController : Search Product by name  HomeViewController->HomeViewController : checkInternetConnection()    alt if Connected  HomeViewController->+WebServiceManager : getProductList()  WebServiceManager->-HomeViewController : sendResponse()  HomeViewController->HomeViewController : checkResponse()  alt if Valid Response  HomeViewController->HomeViewController : populateDataInUI()  else Invalid Response  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show error message  end  else Not Connected  HomeViewController->HomeViewController : showErrorMessage()  note left of HomeViewController : Show no internet message  end    note left of HomeViewController: When user click on cart icon  HomeViewController->CartViewController : navigateUserToCartScreen()    else User details not found  note left of HomeViewController : User not exist  note left of HomeViewController : Navigate user to Add Store Screen  HomeViewController->AddStoreViewController : navigateUserToAddStoreScreen()  end |