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## Jeanz

### Description

Jeanz is your assistant to give you sale update for your favorite jeans brands and models. You can easily subscribe brands and models to get the sale notification through the app and email. And you can also browsing the latest sale items on this app. Start to buy your jeans in the cheapest way!

## Intended User

Myself! And also the customers who have favorite jeans brands and even a particular jeans model and wanting to buy their jeans only on a sale!

## Features

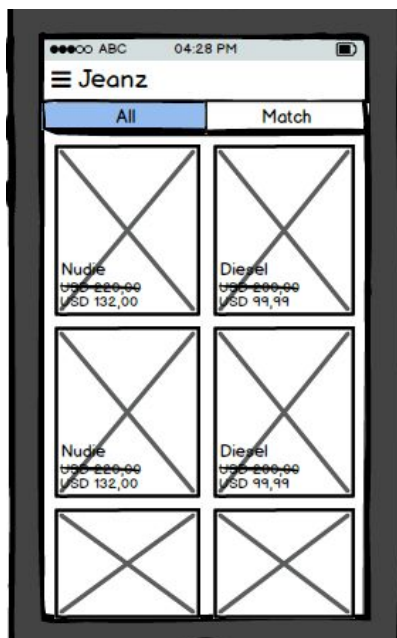
List the main features of your app. For example:

- Show sale jeans items
- Filter brands, model, waist, length and discount percentage
- Login system
- Subscribe sale notification
- Push notification

## User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

### Screen 1

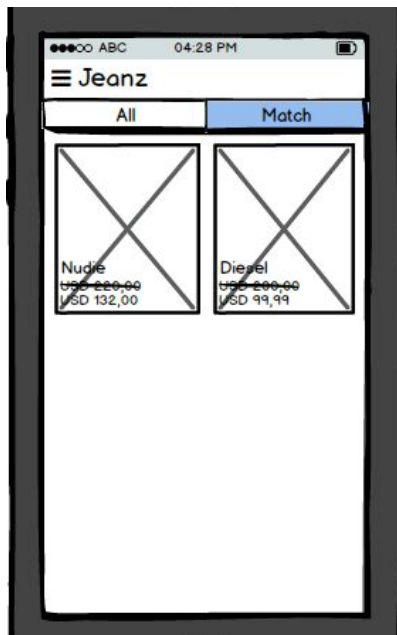


Item list page

it's app's launch page. Provide a navigation drawer.

Tab 'All' to list out all the items.

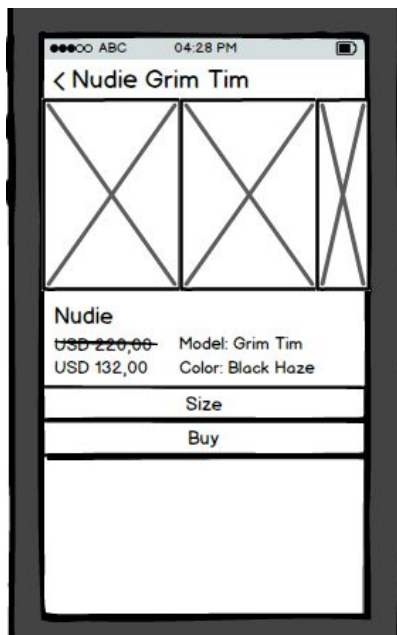
## Screen 2



Item list page

Tab 'Match' to list out the matched items which fit user's preference.

## Screen 3



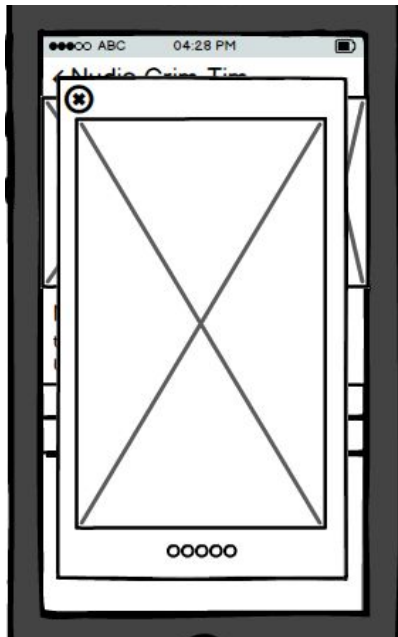
Item detail page

Show the item pictures and details.

Click size button to see the available item sizes.

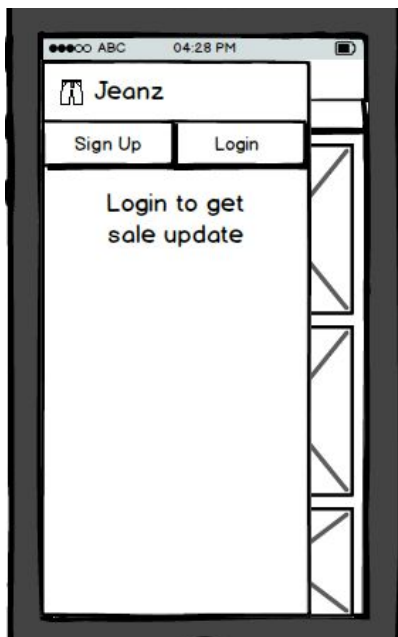
Click buy button to open original selling webpage using web browser.

## Screen 4



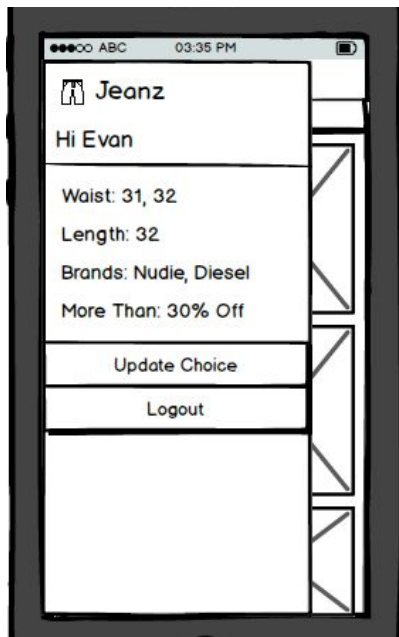
Item picture popout dialog  
Swipe to browse the item pictures.

## Screen 5



Navigation drawer  
Provide login and signup.

## Screen 6

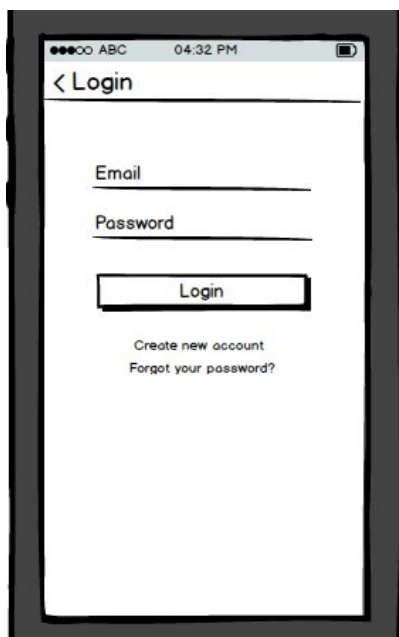


### Navigation drawer

If user already logged in, show the preference user selected.

Provide a button to update item preference, and a logout button.

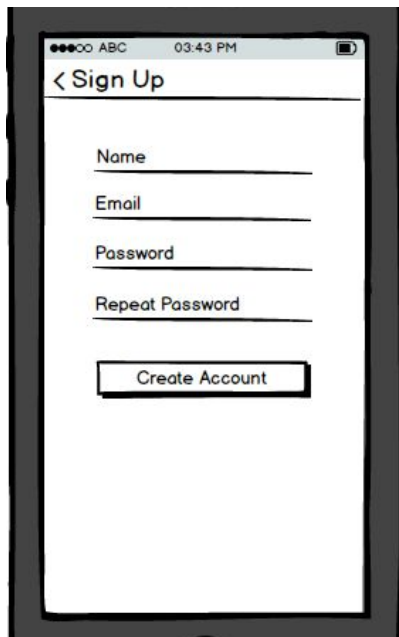
## Screen 7



### Login page

Provide basic login feature, forgot password button and sign up button.

## Screen 8



Sign Up

Name

Email

Password

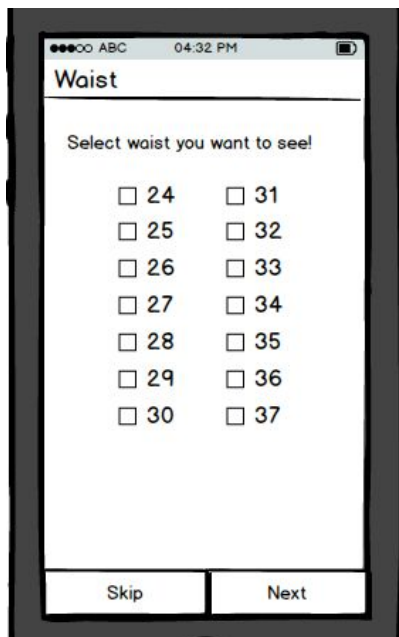
Repeat Password

Create Account

Sign up page

Fill name, email and password to sign up a account

## Screen 9



Waist

Select waist you want to see!

<input type="checkbox"/> 24	<input type="checkbox"/> 31
<input type="checkbox"/> 25	<input type="checkbox"/> 32
<input type="checkbox"/> 26	<input type="checkbox"/> 33
<input type="checkbox"/> 27	<input type="checkbox"/> 34
<input type="checkbox"/> 28	<input type="checkbox"/> 35
<input type="checkbox"/> 29	<input type="checkbox"/> 36
<input type="checkbox"/> 30	<input type="checkbox"/> 37

Skip Next

Select jeans waist preference page

Select waist preference or press skip to ignore

## Screen 10

The screenshot shows a mobile app interface for selecting jeans length. At the top, the status bar displays 'ABC' and '04:32 PM'. Below the status bar is a header with a back arrow and the title '< Length'. The main content area has the instruction 'Select length you want to see!' followed by four unchecked checkboxes with labels: '30', '32', '34', and '36'. At the bottom, there are two buttons: 'Skip' on the left and 'Next' on the right.

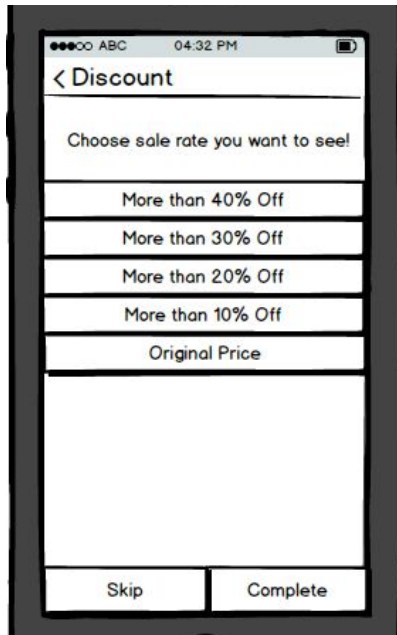
Select jeans length preference page  
Select length preference or press skip to ignore

## Screen 11

The screenshot shows a mobile app interface for selecting jeans brands. At the top, the status bar displays 'ABC' and '02:35 PM'. Below the status bar is a header with a back arrow and the title '< Brands'. The main content area has the instruction 'Select brands and models you want to see!' followed by a list of brands and models with checkboxes: 'Nudie' (unchecked, with an up arrow), 'Thin Fin' (unchecked, with 'Grim tim' checked), 'Tape Ted' (unchecked), 'Diesel' (checked, with a down arrow), and 'APC' (unchecked, with a down arrow). At the bottom, there are two buttons: 'Skip' on the left and 'Next' on the right.

Select jeans brands preference page  
Select brands and jeans models preference or press skip to ignore  
Provide descriptive text for each screen

## Screen 12



Select item discount preference page

Select item discount preference or press skip to ignore

Add as many screens as you need to portray your app's UI flow.

## Key Considerations

How will your app handle data persistence?

Describe how your app will handle data. (For example, will you build a Content Provider or connect to an existing one?)

Not necessary but will use content provider to cache the sale items data in local db and load data locally when there's no internet connection in order to fit project specification.

Describe any corner cases in the UX.

When user click a sale item push notification, app will open and navigate to the item detail page automatically.

Describe any libraries you'll be using and share your reasoning for including them.



glide, for image loading  
retrofit, for restful http client  
gson, to parse json data  
butterknife, to inject views easier  
org.parceler:parceler, to pass data between activities easier  
com.orhanobut:logger, for logging  
google analytics, for analytics  
crashlytics, for crash report

## Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

### Task 1: Project Setup

- Set up android project
- Configure libraries

### Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for ItemActivity
- Build UI for LoginActivity
- Build UI for SignUpActivity
- Build UI for PicturesDialogFragment
- Build UI for SelectWaistActivity
- Build UI for SelectLengthActivity
- Build UI for SelectBrandsActivity
- Build UI for SelectSaleRateActivity

### Task 3: Get and display items

- Get items from server api
- Display data to a recyclerview

#### **Task 4: Display items detail**

- Display image and information to a item detail page

#### **Task 5: Implement Login system**

- Integrate sign up api between server
- Integrate login api between server
- Integrate reset password api between server
- Handle api token

#### **Task 6: Implement subscribe**

- Implement subscribe flow after user sign up
- Implement feature to modify subscribe item conditions
- Show matched items filter by for brands, model, waist, length and discount percentage

#### **Task 7: Implement push notification**

- Integrate parse.com for push notification service
- Handle clicking and auto navigate to sale item detail page

#### **Task 8: Implement data cache for item list (to meet project specifications)**

- Create db schema
- Implement simple dao service
- Implement data cache for item list data

#### **Task 9: Implement a widget (to meet project specifications)**

- Implement a widget showing a latest sale item user subscribed