



Manager

Hi, I have news.
A new feature is
coming....

Great. Is the API already
implemented?



Android
Developer





No, but they are rushing.
I think they will be able
to implement the endpoints soon.

Soon. I got it.
What about the UI specs?

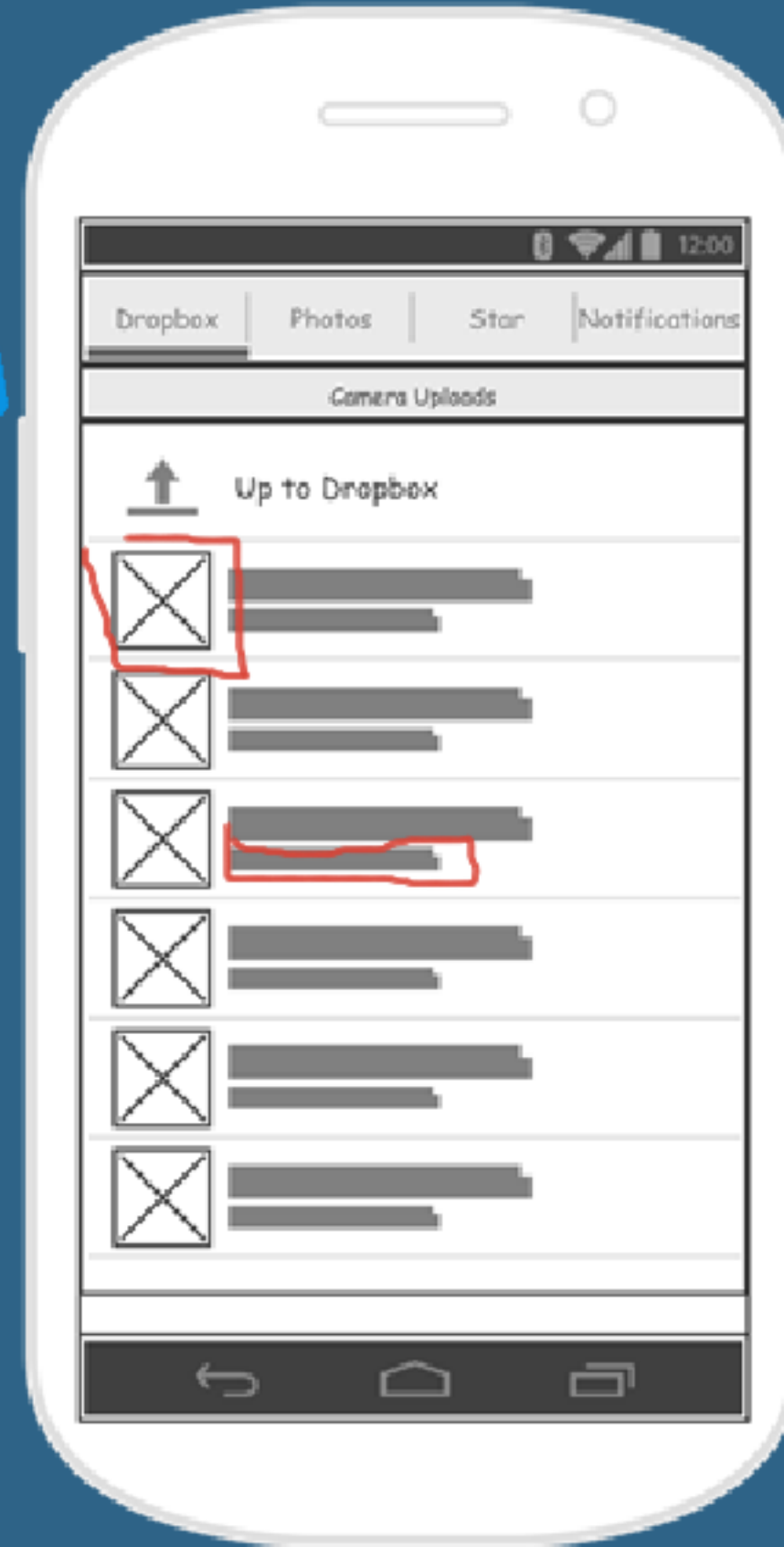


Here :)





The content is dynamic here





Now, I know I need
from the server the
following data:

```
[  
  {  
    "image_url": "https://imageFromGoogle1.jpg",  
    "title": "Title 1",  
    "sub_title": "Sub title 1"  
  },  
  {  
    "image_url": "https://imageFromGoogle2.jpg",  
    "title": "Title 2",  
    "sub_title": "Sub title 2"  
  },  
  {  
    "image_url": "https://imageFromGoogle3.jpg",  
    "title": "Title 3",  
    "sub_title": "Sub title 3"  
  }  
]
```





Creating an
Interface called
repository

```
interface CardsRepository {  
    suspend fun all(): List<CardContent>  
}
```

```
data class CardContent(  
    val imageUrl: String,  
    val title: String,  
    val subTitle: String  
)
```





Implementing the
interface with
some data

```
class TemporaryCardsRepository : CardsRepository {  
    override suspend fun all() = listOf(  
        CardContent(  
            imageUrl = "https://imageFromGoogle1.jpg",  
            title = "Title1",  
            subTitle = "Sub title 1"  
        ),  
        CardContent(  
            imageUrl = "https://imageFromGoogle2.jpg",  
            title = "Title2",  
            subTitle = "Sub title 2"  
        ),  
        CardContent(  
            imageUrl = "https://imageFromGoogle3.jpg",  
            title = "Title3",  
            subTitle = "Sub title 3"  
        )  
    )  
}
```





```
class ViewModel(private val cardsRepository: CardsRepository) : ViewModel {  
    ....  
}
```

Creating a dependency
between my ViewModel
and the CardsRepository

Finishing the UI





The API team
accepts your
contract. The API is
available ;)

Great.



```
class TemporaryCardsRepository : CardsRepository {  
    override fun all() = listOf(  
        CardContent(  
            imageUrl = "https://imageFromGoogle1.jpg",  
            title = "Title1",  
            subTitle = "Sub title 1"  
        ),  
        CardContent(  
            imageUrl = "https://imageFromGoogle2.jpg",  
            title = "Title2",  
            subTitle = "Sub title 2"  
        ),  
        CardContent(  
            imageUrl = "https://imageFromGoogle3.jpg",  
            title = "Title3",  
            subTitle = "Sub title 3"  
        )  
    )  
}
```

```
class CardsRetrofitRepository : CardsRepository {  
    @GET("cards")  
    override suspend fun all() : List<CardContent>  
}
```

I like the
Repository pattern.
And you?

