

What we expect from you

Requirements:

- Simple website / app
- 2 Models + 1 Relationship
- CRUD + Auth

Practice and consolidate :

- ES6, Node.js, HTTP, Backend rendering, Cookies + Session + Auth
- Best practice (KISS, DRY, etc)
- Working in a team (communication, git collaboration...)

Start thinking about

Team partner

Idea

User Stories

Wireframes

User Flow

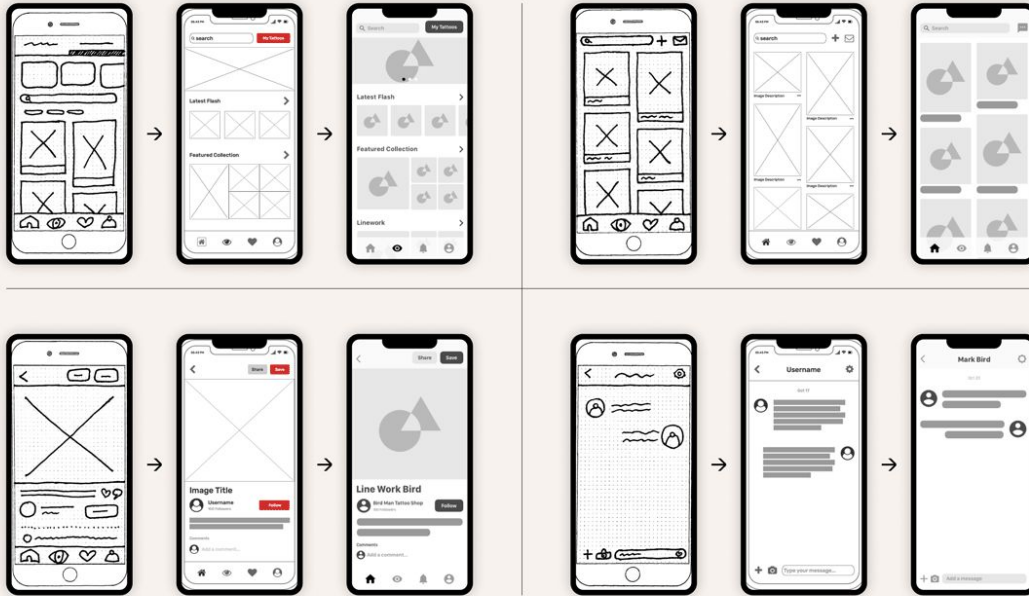
API Planning

What is a user story?

User stories are short, simple descriptions of a feature told from the perspective of the person who desires the new capability, usually a user or customer of the system. They typically follow a simple template:

As a < type of user >, I want < some goal > so that < some reason >.

Wireframes



Draw the site/app pages

Identify components, and forms

Navigation

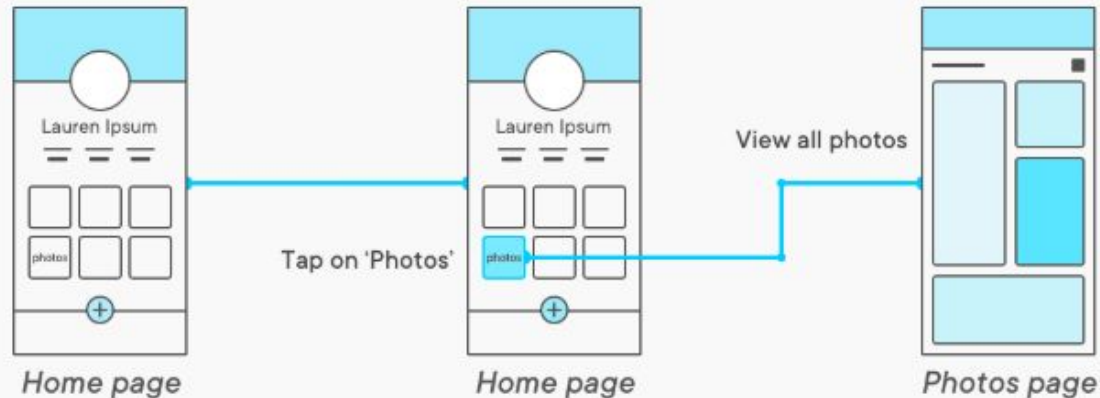
- via links
- form redirects after success

User Flow

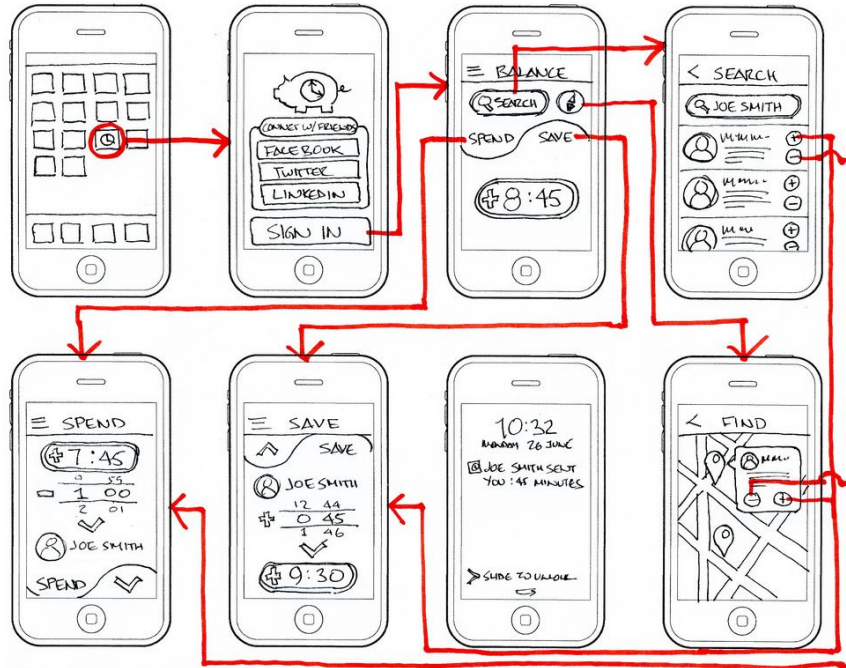
DEFINITION

A combination of wireframes and flowcharts. They document workflow & screen designs when there are few pages that change dynamically. *

EXAMPLE



User Flow



What is API planning?

Models:

```
user={
  password: String,
  firstName: String,
  lastName: String,
  email: {
    type:String,
    required: true,
    unique: true
  },
  photoUrl: String,
  team: {type: Schema.Types.ObjectId, ref: 'Team'},
  currentGrowthCompass : {type: Schema.Types.ObjectId, ref: 'FinalCompass'}
}
```

- How many models you will need
- Relationships between them (foreign key relationships)
- The schema for each model: the structure of the document, default values, validators, etc.

Using an external API

If you are using an API, make sure that :

- It's free
- You can have the keys immediately
- It's updated
- It's stable
- You are able to get the data you want

Project Examples

Cyrano - <http://cyrano-app.herokuapp.com/>

Eat-Bcn - <https://eat-bcn.herokuapp.com/>

Neighbourfood-app - <https://neighbourfood-app.herokuapp.com/>

Handlebars Tours - <https://handlebars-tours.herokuapp.com/>

Stagy - <http://stagy-app.herokuapp.com/home>

Tools

Wireframes:

[Mockflow](#)

[Balsamiq](#)

[Figma](#)

Free APIs:

[ProgrammableWeb](#)

[Public APIs](#)

[Other free APIs](#)

Logo generator:

[BrandCrowd](#)

CSS tools:

[HeroPattern](#)

[Animista](#)

[colorZilla](#)

Sound:

[freeSound](#)

[Mp3cut](#)

Free bank images:

[Unsplash](#)