Generating a New Angular Application

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Command Line Interface
for building Angular
applications

Generating Apps

ANGULAR CLI

Generating an app

Learning the flags

Configuring and customizing the CLI

Checking and fixing the code

Generating a New Application

Generating a New Application

```
$ ng new my-app                      Generate a new app in /my-app

$ ng new my-app –dry-run             Don't write the files, but report them

$ ng new my-app --skip-install       Generate without running npm install
```

Getting Help

Add the --help flag
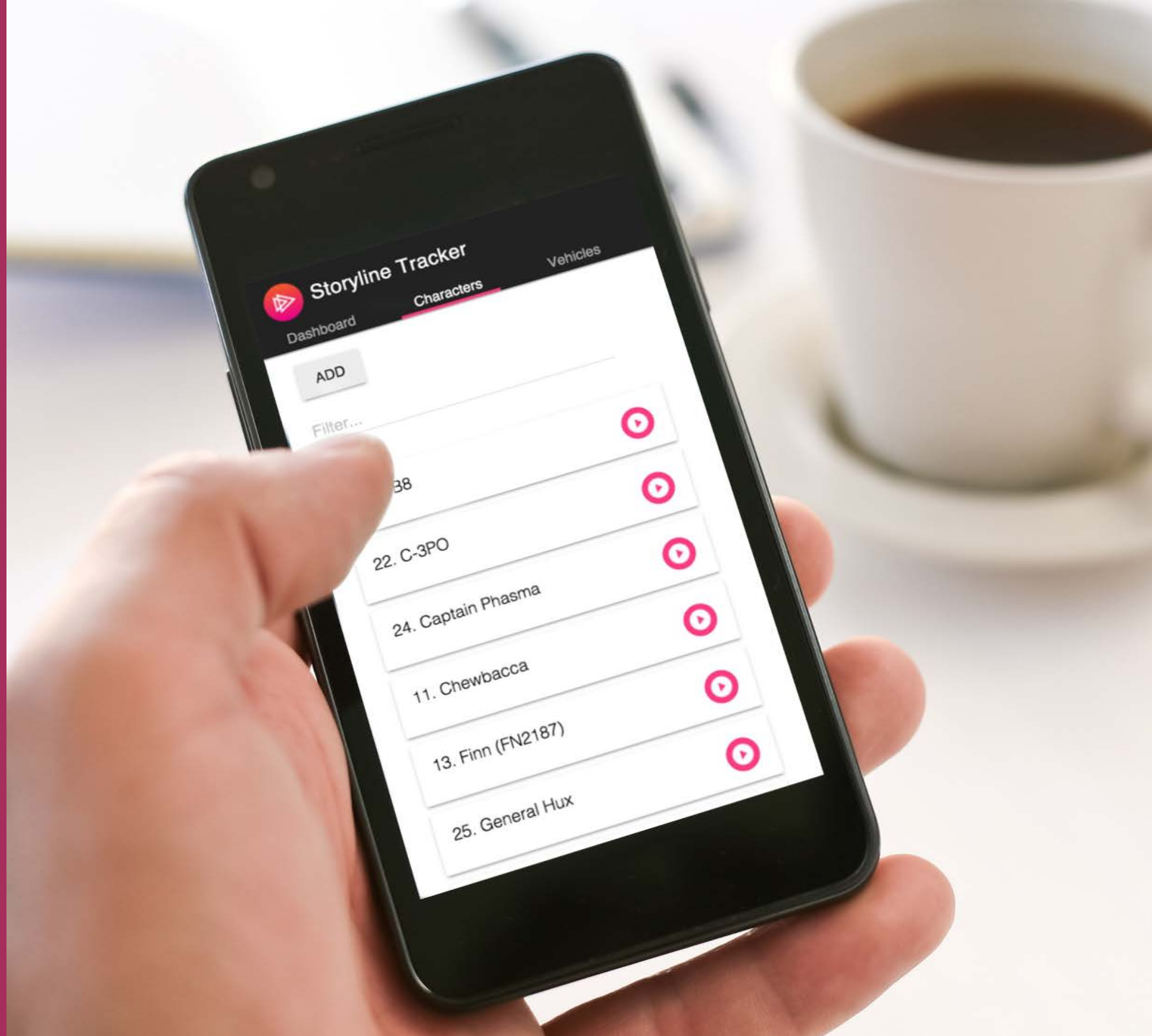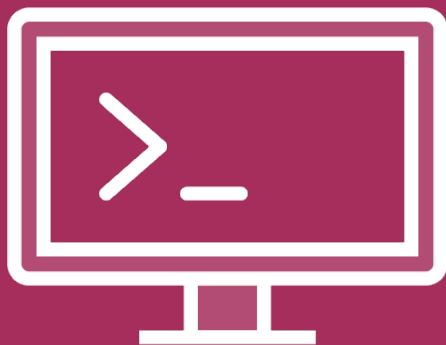
Reports the many options and their defaults

```
$ ng new --help
```

Demo

Common App Generation Flags

```
$ ng new my-app --style scss
```
Styles should use SASS

```
--prefix ma
```
Set the default selector prefix

```
--skip-git
```
Don't add the project to git

```
--skip-tests
```
Don't generate spec files

```
--routing
```
Add a default routing module

```
$ ng new my-app --routing --style scss --prefix ma
```

Many flags can be combined

Ideal for settings that should exist throughout the app

Some flags change the configuration in angular.json
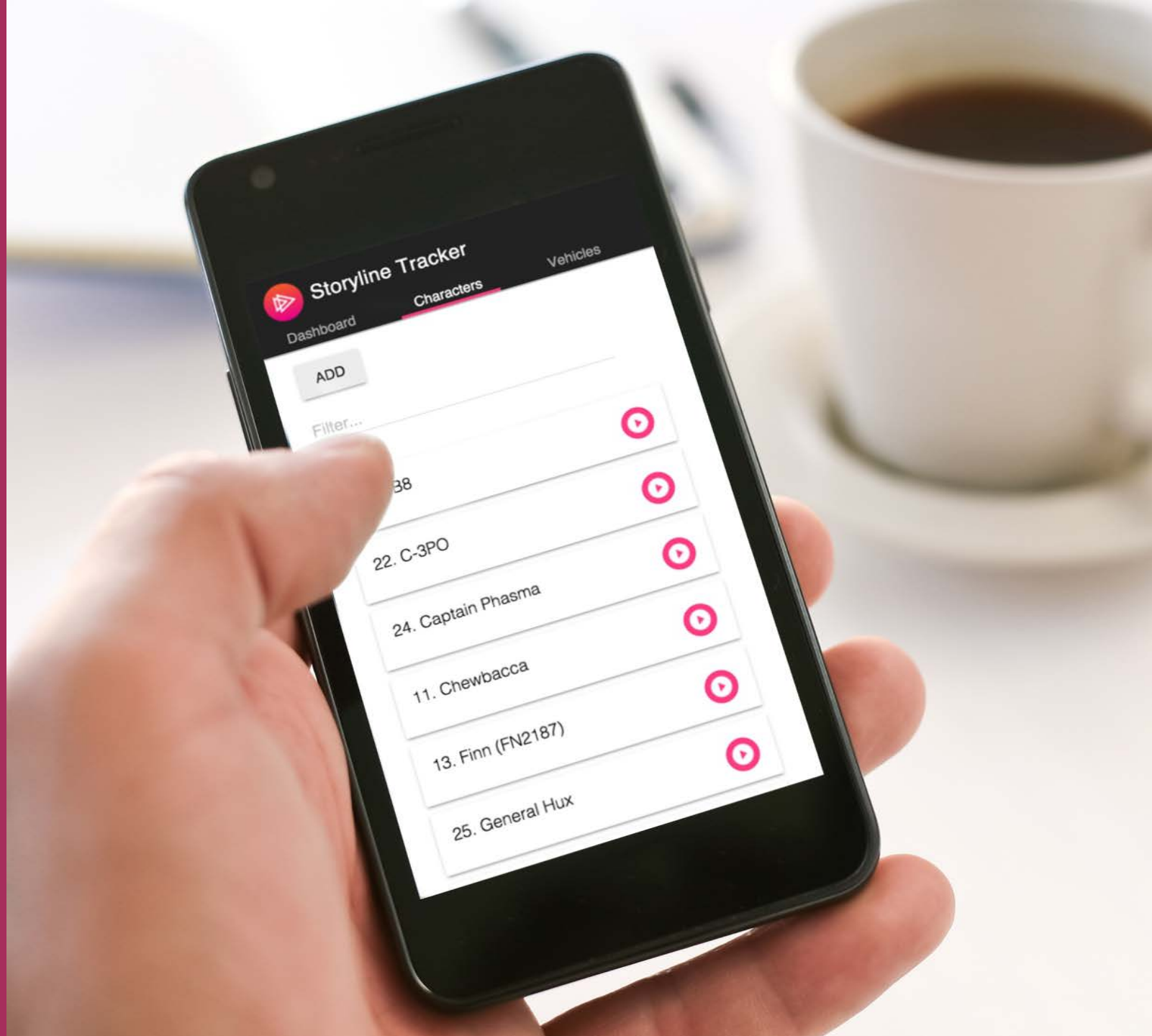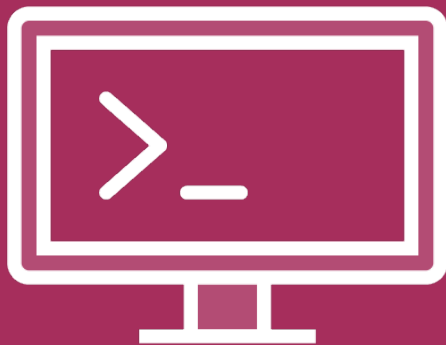
Tip

```
$ ng new my-app --routing

            --prefix ma

            --style scss

            --dry-run
```

Add routing
Set your prefix
Define your styles
Verify the flle names

Remove when ready

Demo

Configuring the Angular CLI

Options to Configure the CLI

ng new <some-flags>

Manually edit angular.json

ng config <jsonPath> <value>

angular.json

```json
{

"newProjectRoot": "projects",

"projects": {

    "ngtest": {

        ...

"defaultProject": "ngtest",

"schematics": {

"@schematics/angular:component": {"styleext": "scss"}

}
```

Project name

Use SASS

Setting the Angular CLI's Configuration

Use ng config

Indicate the json path

The --global (or -g) flag sets your global angular.json file

```
$ ng config schematics.@schematics/angular:component.styleext scss
```

Linting

Linting

```
$ ng lint my-app --help              Show the help for linting a project

$ ng lint my-app --format stylish    Lint and format the output

$ ng lint my-app --fix               Lint and attempt to fix all problems
```
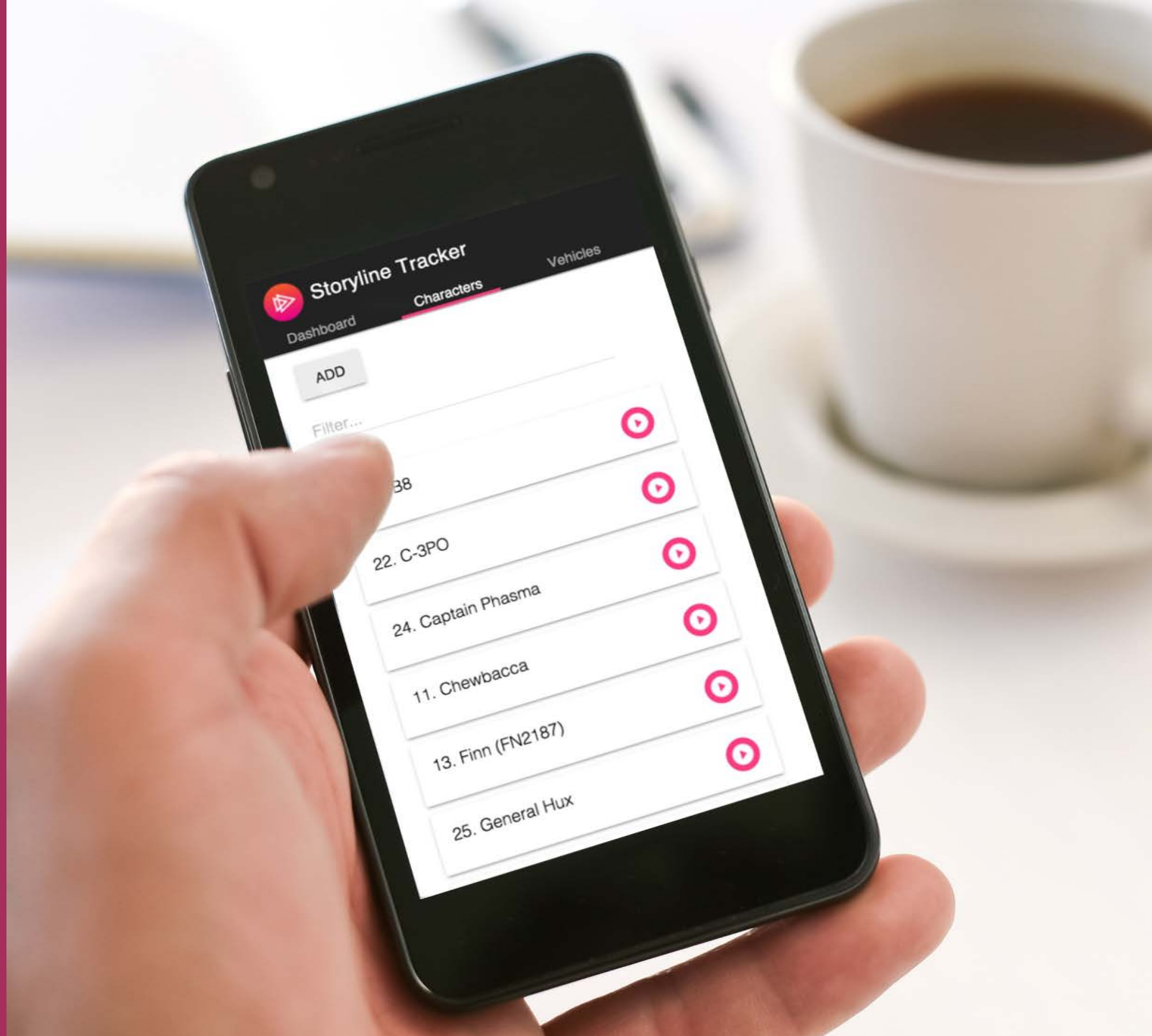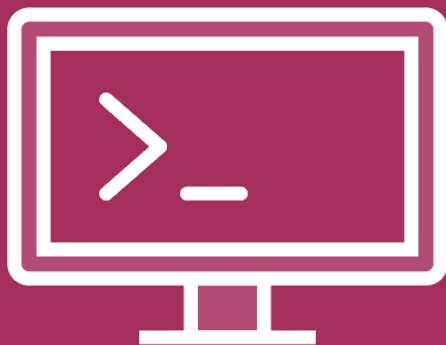
Demo

Generating Apps

ANGULAR CLI

Use the CLI flags when generating apps

Lean on ng new --help

Use the --dry-run flag to practice

Customize to your needs

Check and fix the code with ng lint