



Brief introduction to Angular and Ionic

ESE 2019 Exercise getting started

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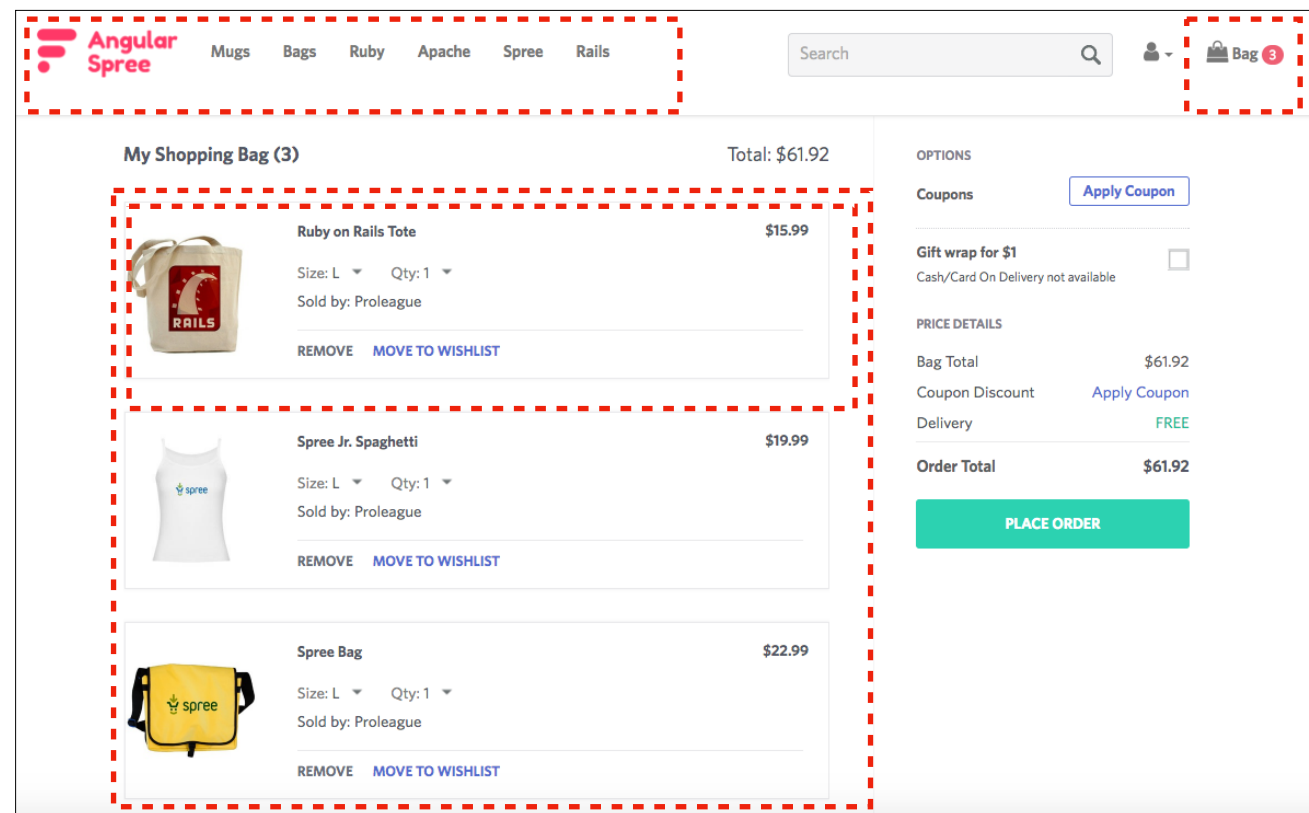
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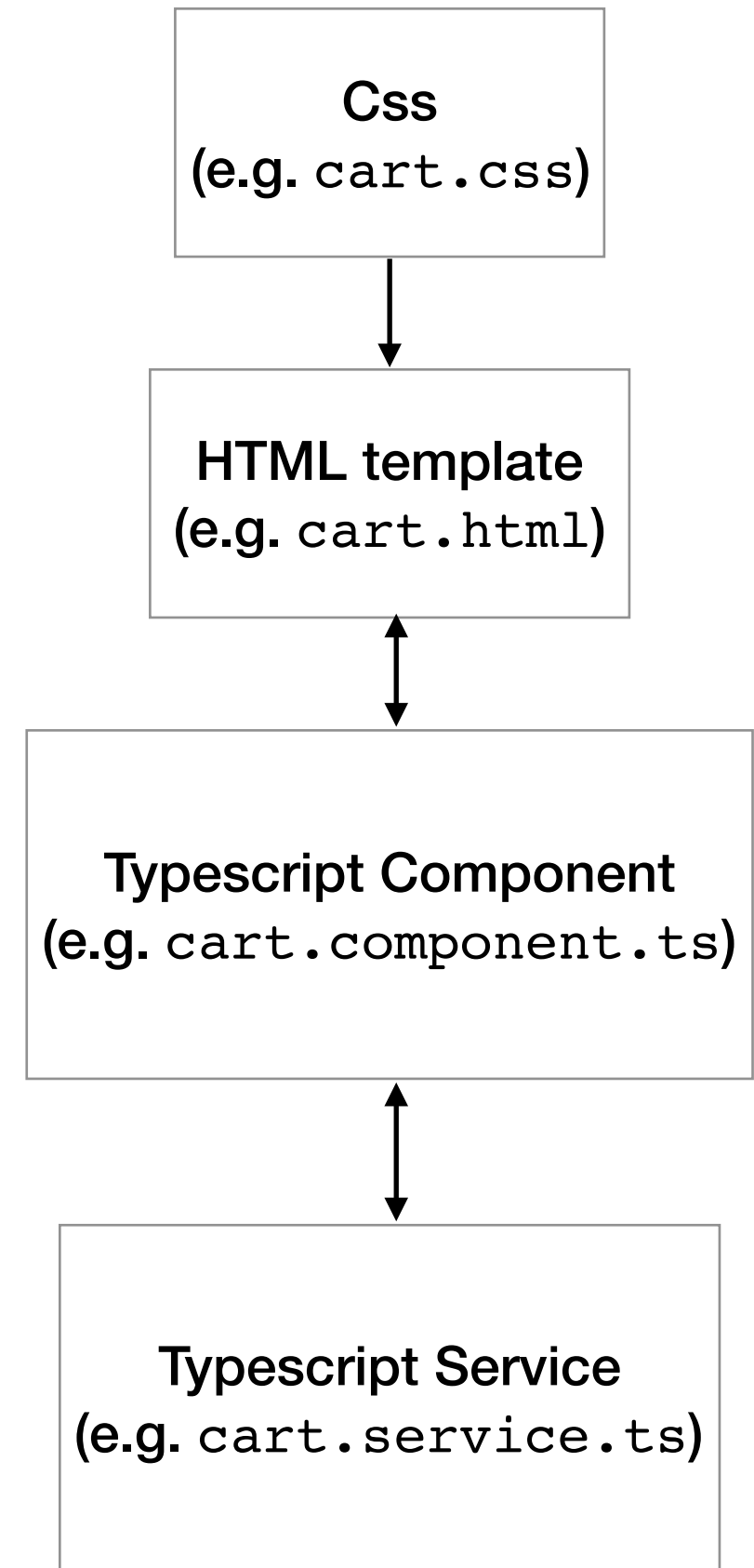
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- Portions of the screen that exhibit certain behaviour are called '**components**' in Angular
- One can define as many components as he/she wants, there are no rules
- Example components in an e-commerce application would be **cart**, **navigation**, **product details**, **product list** etc.
- Components are reusable, they can be reused within the same application or even in another application



- A component in Angular v.8 using CLI (command line interface) is created by running the command `ng generate component <component name>`
- A component folder created will typically include an HTML file (template), a css file, a typescript file for the component business logic, and user can create another typescript file for a service in that folder
- Template displays the text and data passed on by corresponding component file
- A component file receives or sends data to a service, and processes the data received from service before forwarding it to a template. The process is called data binding
- A service handles the logic that is not related to the UI such as backend interaction, it saves and retrieves data from the backend



- Ionic uses Angular but additionally provides UI components designed for mobiles
- Hence, component , service and other files remain same, only HTML part changes

Demo