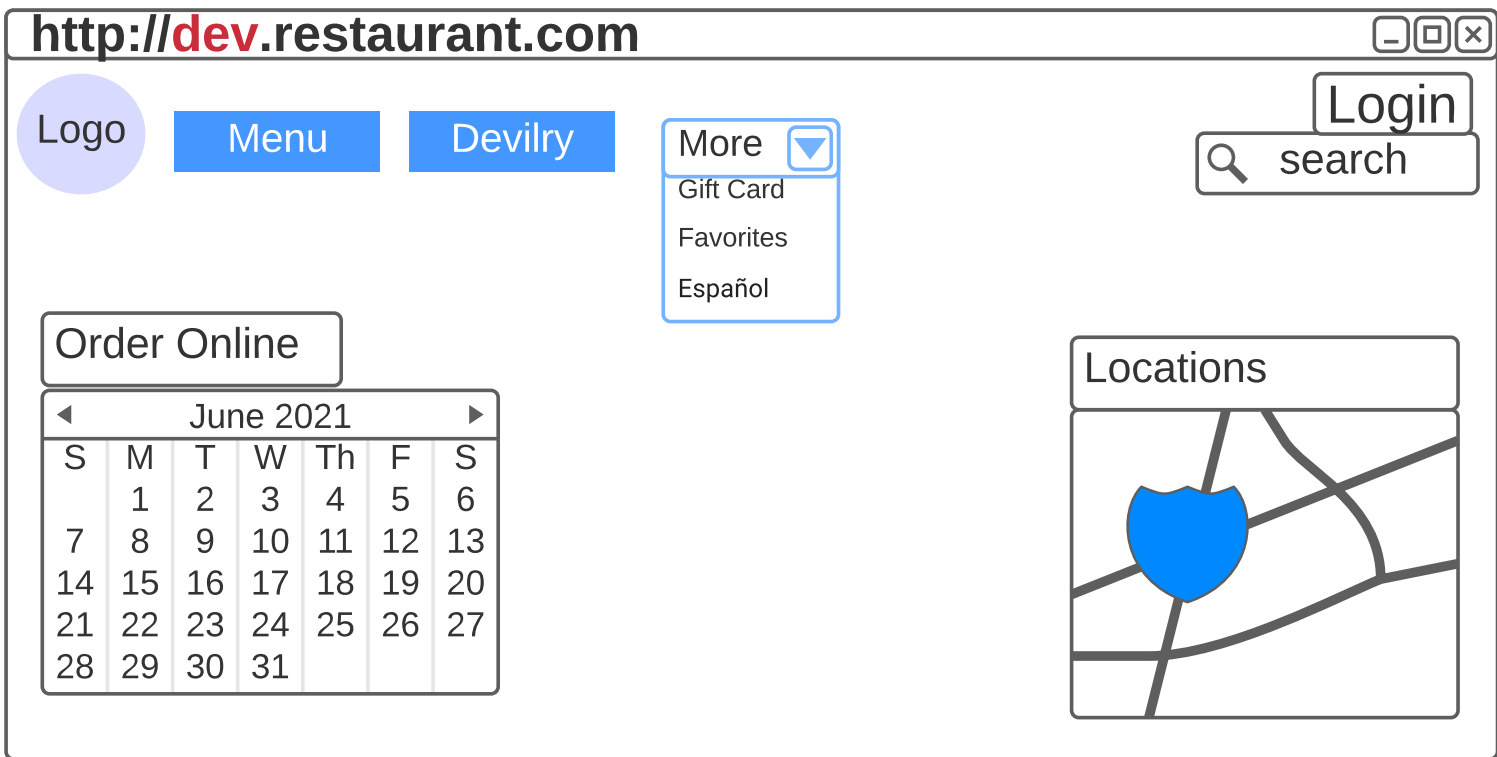**Environments in software testing:**

• Software environments refers to the collection of hardware and software tools a system developer uses to build software systems, testers test the software, and end users use it.
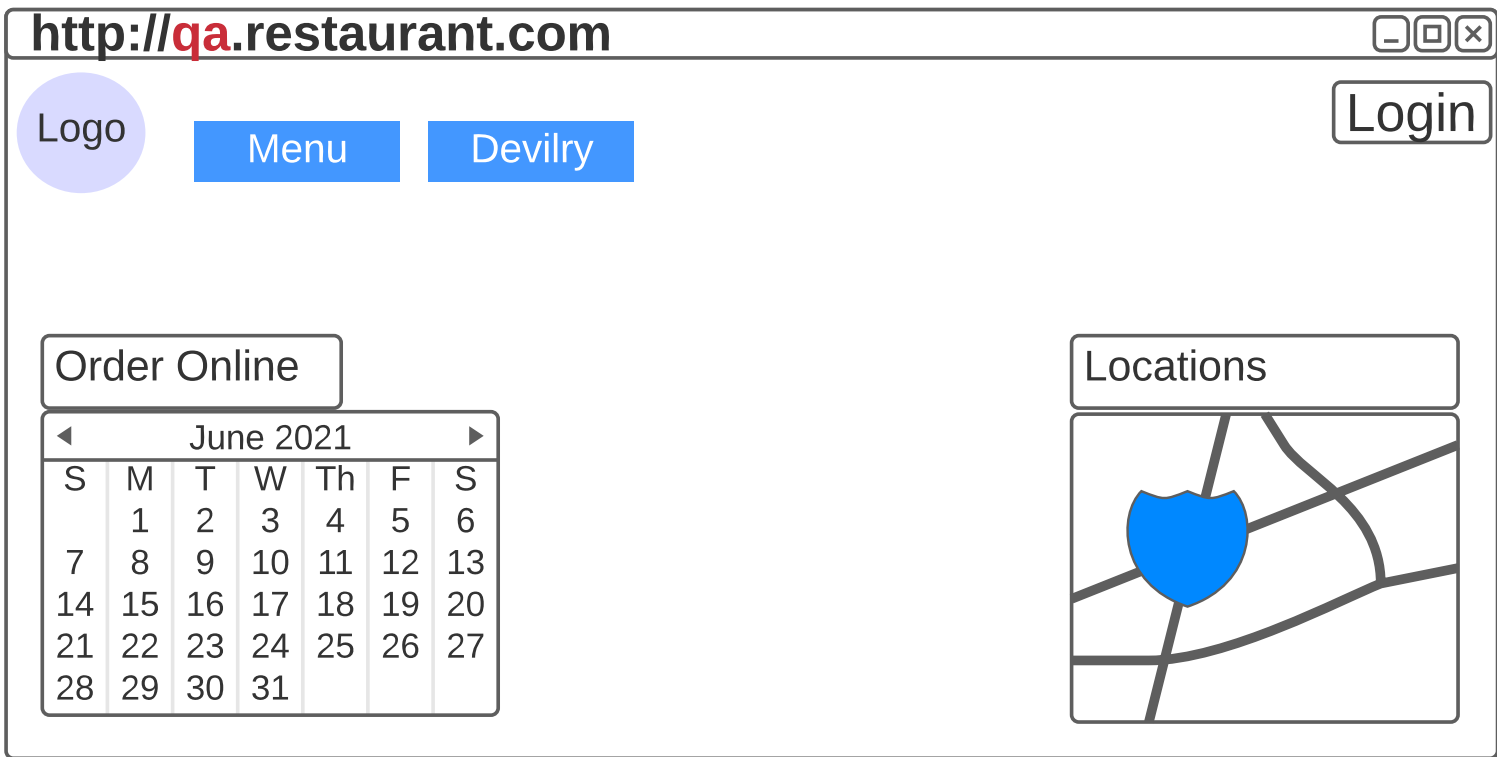
There are at least 4 environments for a software. Developers and testers may add more based on testing needs.

1. **Dev** environment 2.**Test/QA** environment 3.**Staging**/pre-production environment 4.**Production** environment
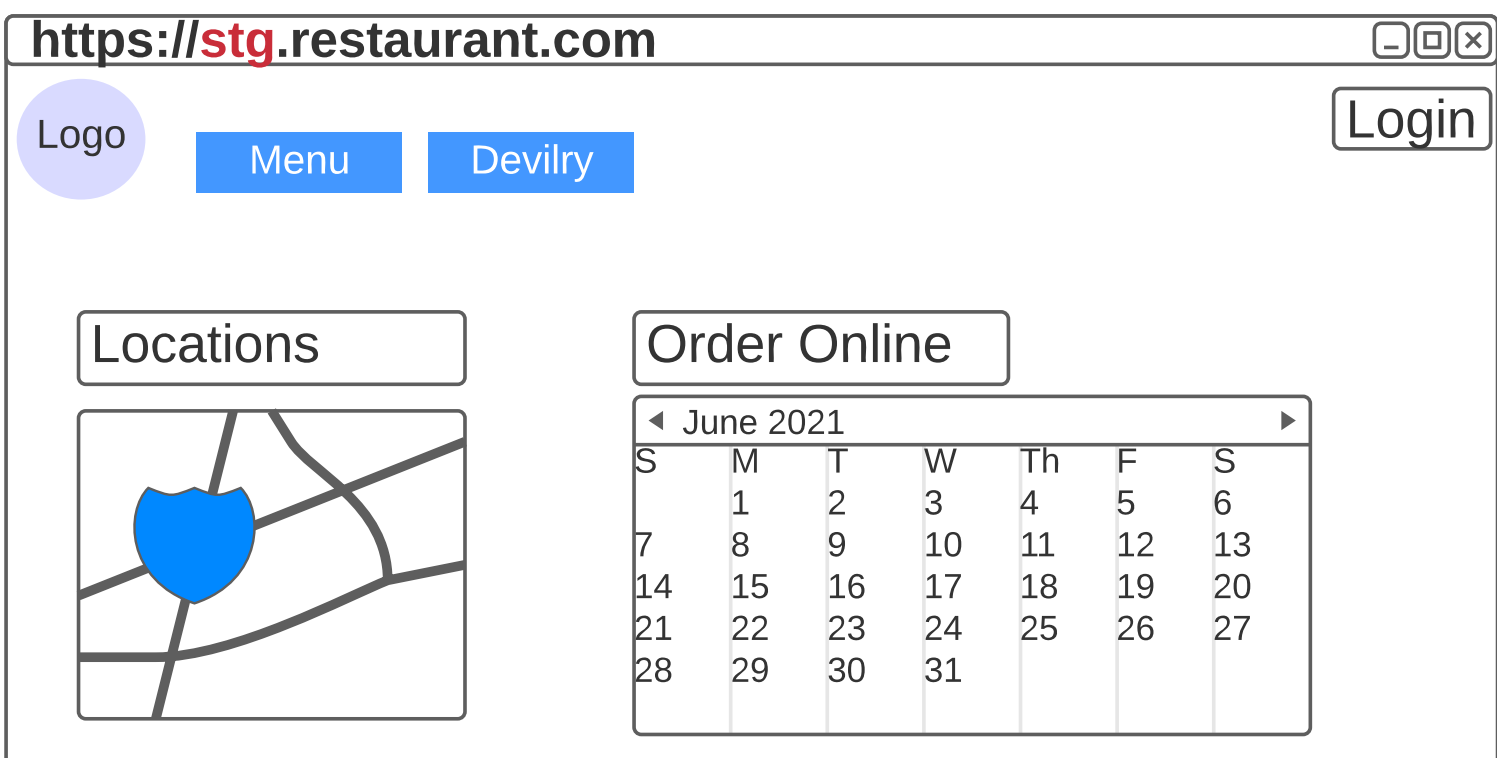
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Locations

Dev Environment

• **Developers'** workstation

• Changes are made in this environment (new feature, bug fix, etc)

• **Unit** & **Integration** testings are performed

• After the tests are passed, the items are moved to one or more test environments.

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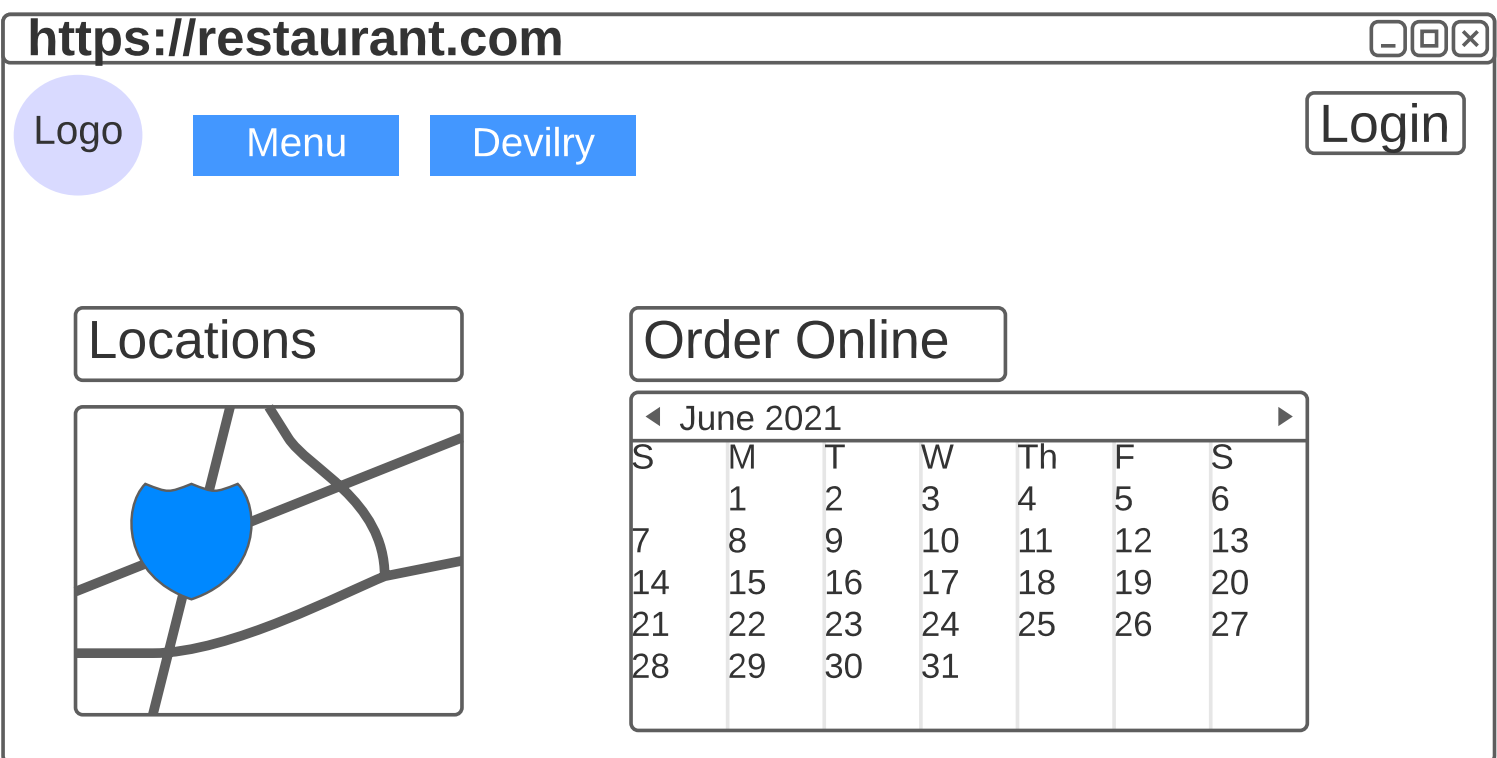| S	M	T	W	Th	F	S
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Locations

Test / QA Environment

• Testers now test the system / app automatically and manually.
• Functional testers test the **functionality** of the application.
• Performance testers test the **non-functional** part of the application.
• Before the items continuously move to the next env, testers perform **regression** testing.

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Staging / pre-production Environment

• The Client or UAT team perform User Acceptance Testing (**UAT**).
• After UAT passes, the application will be deployed to the production.

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Production Environment

• The end users actually use the application
• Any testing type is not suggested, but now days companies are performing testing with simulated data