

Difference between UI/UX Designing, UI Development and Front-End Development

UI/UX Designing	UI Development	Front-End Development
Stands for User Experience and User Interface Designing	Stands for User Interface Development	Stands for Functional and Dynamic Development on UI
Definition: Painting and sketching out the look and feel of UI	Converting the painted & sketched UI into the static HTML/CSS Code.	Converting the static UI code into functional and dynamic code.
IT Industry Designation: Graphic Designer	IT Industry Designation: UI Developer	IT Industry Designation: UI/Front-End developer
This requires knowledge of tools like corel-draw, adobe photoshop, adobe XD, Invision, E-Sketch etc.	This requires knowledge of HTML, CSS, JQuery, Javascript-DOM, Responsive Web Design (media queries or CSS flexbox, Bootstrap) etc.	This requires knowledge of Advanced Javascript, a strong grip on any one of the JS frameworks like AngularJS, VueJS etc.
Relationship: A Graphic Designer sketches and paints out a website layout with all minute elements like buttons, icons, modals, toast messages, links, logos, forms etc. using the above mentioned tools and takes help of tools like Zeplin, Avocode or Invision to upload those files as what is known as style guides	Relationship: A UI developer uses these style guide from the tools to fetch dimensions, color-codes, sizes, margins, spaces, font-family etc. to use these values in the code	Relationship: A Front-End developer uses this static UI code and embeds logics and consumes APIs to make buttons, modals functional and content on the web page dynamic which renders as per user-to-user