

1. Record Nr.	UNINA9910814434303321
Autore	Gupta Gaurav
Titolo	Mastering HTML5 forms / / Gaurav Gupta
Pubbl/distr/stampa	Birmingham : , : Packt Publishing, , 2013
ISBN	1-78216-467-7
Edizione	[1st edition]
Descrizione fisica	1 online resource (148 p.)
Collana	Community experience distilled
Disciplina	006.74
Soggetti	Cascading style sheets HTML (Document markup language) Hypertext systems Web sites - Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Intro -- Mastering HTML5 Forms -- Table of Contents -- Mastering HTML5 Forms -- Credits -- About the Author -- About the Reviewers -- www.PacktPub.com -- Support files, eBooks, discount offers and more -- Why Subscribe? -- Free Access for Packt account holders -- Preface -- What this book covers -- What you need for this book -- Who this book is for -- Conventions -- Reader feedback -- Customer support -- Downloading the example code -- Errata -- Piracy -- Questions -- 1. Forms and Their Significance -- Understanding web forms -- Benefits -- HTML versus HTML5 forms -- The form < -- input> -- types, elements, and attributes -- The < -- form> -- < -- input> -- types -- The < -- form> -- elements -- The < -- form> -- attributes -- Building an HTML5 form -- Guidelines -- Summary -- 2. Validation of Forms -- Form validation -- Client-side form validation -- Server-side form validation -- HTML5 form validation -- Code 1 - validating a textbox using JavaScript -- Code 2 - validating a textbox using HTML5 < -- form> -- controls -- Constraint validations -- HTML5 constraint validation APIs -- The validity object -- The checkValidity method -- The setCustomValidity() method -- The willValidate attribute -- The validationMessage attribute -- The patternMismatch property -- The validity.patternMismatch attribute -- The customError property -- The validity.customError

property -- The rangeOverflow property -- The validity.rangeOverflow
property -- The rangeUnderflow property -- The validity.
rangeUnderflow property -- The stepMismatch property -- The validity.
stepMismatch property -- The tooLong property -- The validity.
tooLong property -- The typeMismatch property -- The validity.
typeMismatch property -- The valueMissing property -- The validity.
valueMissing property -- The valid property -- The validity.valid
property.
Error messages -- Summary -- 3. Styling the Forms -- CSS3 for web
forms -- Selectors and pseudo-selectors -- Backgrounds -- The
background-clip property -- Syntax -- Values -- The background-
origin property -- Syntax -- Values -- The background-size property
-- Syntax -- Values -- The background-color property -- The
background-repeat property -- The background-attachment property
-- Borders -- The border-radius property -- Syntax -- Values -- The
box-shadow property -- Syntax -- Values -- The border-image
property -- Syntax -- Values -- Text effects -- The text-shadow
property -- Syntax -- The word-wrap property -- Syntax -- Values --
Fonts -- The @font-face rule -- Syntax -- Font descriptors -- The src
font descriptor -- The font-style font descriptor -- The font-stretch
font descriptor -- The font-family font descriptor -- The unicode-
range font descriptor -- The font-weight descriptor -- Gradients --
Syntax -- Values -- Styling the forms -- Guidelines -- Summary -- 4.
Connection with Database -- PHP -- Syntax -- Form handling -- The
GET method -- The POST method -- The filter method -- Validating
user input data -- Sanitizing user input data -- The FILTER_CALLBACK
filter -- Filter multiple inputs -- MySQL -- MySQL for PHP -- MySQL-
PHP connectivity -- Open a connection to the MySQL server -- Close a
connection -- Create or select a database -- Create a database --
Select a database -- Create a table -- Primary keys -- Spoofing and
forging forms -- Forging HTTP requests -- Spoofing submissions --
Shared secrets -- Setting expectations -- Linking a form to a server --
Summary -- 5. Responsive Web Forms -- Responsive design --
Google's view about responsive design -- Benefits of using responsive
design -- How responsive design works -- Screen resolutions --
Viewport -- Media queries -- Media types -- Internal media query --
Syntax.
External media query -- Media features -- Different screen resolutions
-- Small screen devices -- High resolution displays of Apple mobile
devices -- For high resolution devices -- For small screen high
resolution devices -- For large screen high resolution devices --
Devices in landscape and portrait modes -- Small screen devices in
portrait mode only -- Small screen devices in landscape mode only --
Fluid grids -- Fluid grid generators -- 960 grid system -- Bootstrap --
Adaptive images -- Features -- How it works -- Customization --
Making our form responsive -- Limitations -- Guidelines -- Summary
-- Index.

Sommario/riassunto

Create dynamic and responsive web forms with this in - depth, hands-on guide Enhance the look and feel of your form Optimize your user experience for any device Utilize HTML5's brand new form elements In Detail HTML5 has given web developers the ability to easily develop sites and applications which, previously, were extremely time consuming. Now, they can not only build visually stunning forms and web pages, but can also increase the scope of their applications, as well as collect valuable user inputs and data through customized forms. This practical guide will teach you how to create responsive forms, and how to link them to the database. This will enable you to take advantage of the power behind HTML5 elements for building forms,

and make the user interfaces attractive and more interactive. Explore the benefits of web forms, and learn how to create them using new HTML5 form elements. This guide will take you through a number of clear, practical examples that will help you to take advantage of the forms built and customized using HTML5 and related technologies, quickly and painlessly. Your ability to build responsive forms will be enhanced throughout the book. You will also learn about the necessity of validations, CSS3 properties for improving the look of the form, and how to link the form to the server. Lastly, you will learn to make the standard forms responsive by making them compatible with desktops and mobile devices.
