

# Professional Developer Checklist

## (HTML5 2026)

Student Name: \_\_\_\_\_

Instructor Name: \_\_\_\_\_

*(Industry / Software House Standard)*

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### Document Structure & Fundamentals

- [ ] Correct <!DOCTYPE html> declaration
  - [ ] Proper <html lang="en"> usage
  - [ ] Clean <head> structure
  - [ ] <meta charset="UTF-8">
  - [ ] Responsive <meta name="viewport">
  - [ ] Proper <title> tag usage
  - [ ] Comments and clean code formatting
  - [ ] Absolute vs Relative paths
  - [ ] Block vs Inline elements
  - [ ] Global attributes (id, class, title, data-\*)
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### Semantic HTML (Professional Standard)

- [ ] <header>
  - [ ] <nav>
  - [ ] <main>
  - [ ] <section>
  - [ ] <article>
  - [ ] <aside>
  - [ ] <footer>
  - [ ] <figure> & <figcaption>
  - [ ] <time>
  - [ ] <mark>
  - [ ] Proper heading hierarchy (h1–h6)
  - [ ] Avoid unnecessary <div> usage
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## Forms & Input Handling

- [ ] Proper <form> structure
  - [ ] method (GET vs POST)
  - [ ] action attribute
  - [ ] enctype usage (file uploads)
  - [ ] Knowledge of all input types
  - [ ] <label> correctly linked
  - [ ] <fieldset> & <legend>
  - [ ] required attribute
  - [ ] minlength / maxlength
  - [ ] pattern validation
  - [ ] autocomplete
  - [ ] novalidate
  - [ ] Basic client-side validation
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## Tables

- [ ] <table> structure
  - [ ] <thead>, <tbody>, <tfoot>
  - [ ] <th> vs <td>
  - [ ] colspan / rowspan
  - [ ] Accessible table structure
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## Lists

- [ ] <ul>
  - [ ] <ol>
  - [ ] <li>
  - [ ] <dl>
  - [ ] <dt>
  - [ ] <dd>
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## Media & Embedding

- [ ] <img> with proper alt
  - [ ] <picture>
  - [ ] <source>
  - [ ] <audio>
  - [ ] <video>
  - [ ] iframe basics
  - [ ] Image optimization awareness
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### Advanced / Real Software House Questions

- [ ] What is the difference between semantic and non-semantic elements?
- [ ] When should you avoid using <div>?
- [ ] How does HTML interact with CSS and JavaScript?
- [ ] What is progressive enhancement?
- [ ] What is the DOM?
- [ ] What is the difference between HTML and XHTML?
- [ ] What is cross-browser compatibility?

## PROJECT COMPLETION CHECK

**Students must complete any 2 out of the following projects:**

- [ ] - Student Record Table Project
- [ ] - Course Registration Form System
- [ ] - Product Listing & Portfolio Website

## COURSE COMPLETION STATEMENT

By completing all items above, the student has demonstrated the ability to build structured, semantic, and accessible HTML5 websites following industry standards and professional markup practices.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

