



## WST 101: Web Systems and Technologies Final Project Guidelines

### Project Overview

Project: Build and deploy a personal portfolio/profile website.  
Goal: Demonstrate practical skills in front-end web technologies, responsive design, accessibility, UX, and basic deployment.  
Students must show clean, maintainable code and thoughtful design choices.

- Learning objectives:
- Structure semantic HTML for real content.
  - Style with modern CSS (layouts, responsive design).
  - Add interactivity with vanilla JS or React.
  - Document the project and present it.

### Allowed technologies

- Students may choose one of the following stacks:
- HTML + CSS + JavaScript
  - React.js (Create React App / Vite)
- Optional helpers (allowed but not required):
- CSS frameworks: Tailwind, Bootstrap (state clearly if used).

Forbidden: Copying a whole template without meaningful custom work or using server-side platforms requiring backend code (unless you explicitly add a simple API and it's permitted).

### Required Pages

Your portfolio must atleast include these sections/pages:

1. **Home / Landing** - short intro, photo/avatar, headline, CTA (contact/resume).
2. **About** - short biography, skills summary, education, hobbies.
3. **Projects / Work** - at least 3 project entries with: title, short description, tech stack, Screenshots or live demo links
4. **Contact** - contact form, or email/social links.
5. **Resume / CV** - downloadable PDF OR a well-formatted on-site resume page.
6. **GitHub repository link (if applicable)**

### Deliverables

- Deadline: **November 19, 2025**
- Each student must submit the following:
1. Code Repository link or ZIP (upload to google drive and send link to my email: [russellirish.rafa.colm@gmail.com](mailto:russellirish.rafa.colm@gmail.com))
  2. Short reflection (200–300 words) describing challenges, what you learned, and improvements (minimum of 2) you would still make. (hardcopy in a short bond paper) to be passed next week.
  3. Actual demonstration: 3 minutes

### Grading Rubric (100 points)

Criteria	Description	Excellent (5)	Good (4)	Satisfactory (3)	Needs Improvement (2)	Poor (1)	Points
1. Functionality & Features (30 pts)	Site is complete, all pages and JS/React features	All required pages & interactive features fully functional; no	Most pages/features work; minor issues.	Some required features missing or buggy.	Major issues or broken functionality.	Incomplete / non-functional site.	/30



	function correctly. Links, forms, and navigation work as intended.	errors.					
2. Design & User Experience (20 pts)	Visual appeal, layout balance, readability, and intuitive navigation.	Excellent visual design; cohesive style; smooth user flow.	Good design; mostly consistent; minor layout issues.	Adequate design; some clutter or spacing issues.	Weak design; inconsistent styling; hard to navigate.	Poorly designed; unreadable or confusing.	/20
3. Code Quality & Structure (20 pts)	Clean, semantic, well-organized HTML/CSS/JS or React components; readable code and meaningful commits.	Clean, well-structured, commented code; follows best practices.	Good structure; mostly readable; few style inconsistencies.	Some structure and readability issues.	Messy or redundant code; poor organization.	Disorganized or copied code; no structure.	/20
4. Accessibility & Responsiveness (15 pts)	Site adapts to all devices; includes accessibility standards (alt text, contrast, keyboard nav, etc.).	Fully responsive; meets WCAG basics; keyboard and alt text verified.	Responsive with few accessibility oversights.	Works on most devices; some accessibility issues.	Limited responsiveness; ignores accessibility.	Not responsive; inaccessible.	/15
5. Documentation & Deployment (10 pts)	Clear demonstration, and reflection submitted.	Demonstrated live; clear reflection on learning.	minor missing info.	incomplete demonstration; reflection brief.	Minimal documentation or no reflection.	No documentation or demo.	/10
6. Creativity & Extra Features (5 pts)	Originality, innovation, or enhancements beyond requirements (animations, dark mode, API integration, etc.).	Unique, polished, and includes extra features.	Some creative elements beyond requirements.	Meets basic requirements only.	Minimal originality.	Lacks effort or copied design.	/5
TOTAL SCORE							/100