AC

Storyboard

IA#1 Portfolio — Design Document

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BSc Computer Science — Year 2

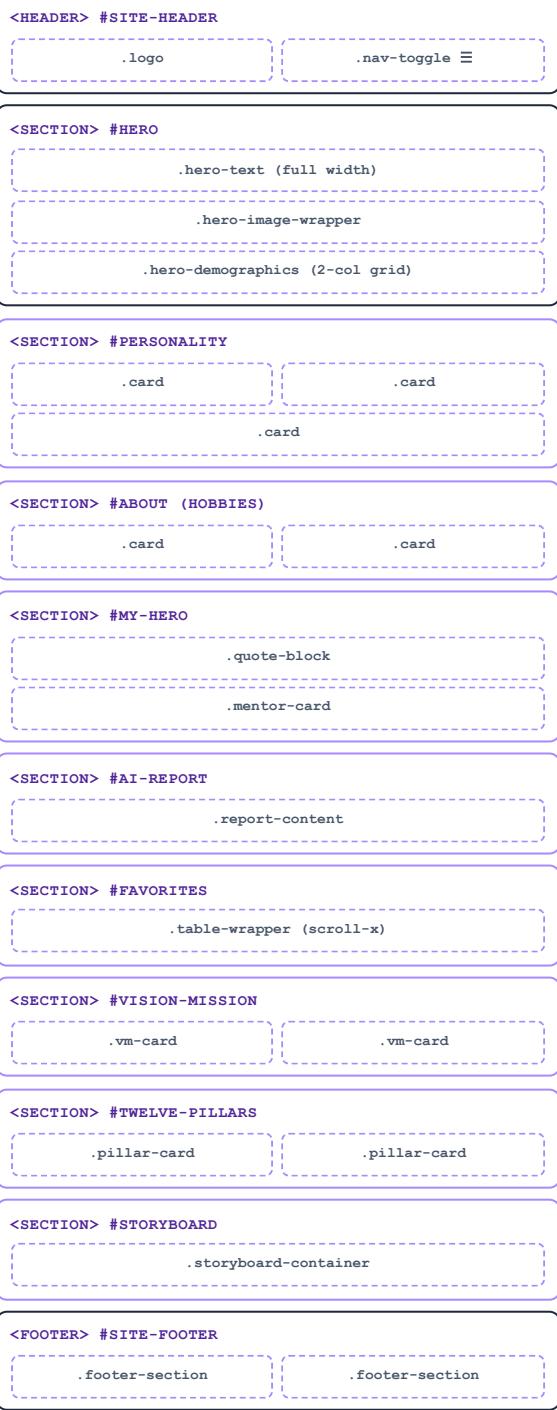University of Technology, Jamaica

Course: Web Programming

Assessment: Individual Assignment #1

Date: Feb 20, 2026

Layout Wireframes

Two layout wireframes designed for the portfolio — one for mobile (min-width: 600px) and one for desktop (min-width: 950px). Each wireframe shows the `<div>` groupings and semantic HTML structure used throughout the site.

MOBILE LAYOUT — MIN-WIDTH: 600PX

`<HEADER>` #SITE-HEADER
- `.logo`
- `.nav-toggle` ☰

`<SECTION>` #HERO
- `.hero-text (full width)`
- `.hero-image-wrapper`
- `.hero-demographics (2-col grid)`

`<SECTION>` #PERSONALITY
- `.card`
- `.card`
- `.card`

`<SECTION>` #ABOUT (HOBBIES)
- `.card`
- `.card`

`<SECTION>` #MY-HERO
- `.quote-block`
- `.mentor-card`

`<SECTION>` #AI-REPORT
- `.report-content`

`<SECTION>` #FAVORITES
- `.table-wrapper (scroll-x)`

`<SECTION>` #VISION-MISSION
- `.vm-card`
- `.vm-card`

`<SECTION>` #TWELVE-PILLARS
- `.pillar-card`
- `.pillar-card`

`<SECTION>` #STORYBOARD
- `.storyboard-container`

`<FOOTER>` #SITE-FOOTER
- `.footer-section`
- `.footer-section`

DESKTOP LAYOUT — MIN-WIDTH: 950PX

`<HEADER>` #SITE-HEADER
- `.logo`
- `.nav-links (flex row — 10 items)`

`<SECTION>` #HERO
- `.hero-text + .hero-demographics (3-col)`
- `.hero-image`

`<SECTION>` #PERSONALITY
- `.card`
- `.card`
- `.card`

`<SECTION>` #ABOUT (HOBBIES)
- `.card`
- `.card`
- `.card`

`<SECTION>` #MY-HERO
- `.quote-block + text`
- `.mentor-card`

`<SECTION>` #AI-REPORT
- `.report-content (max-width: 850px)`

`<SECTION>` #FAVORITES
- `.favorites-table (full width)`

`<SECTION>` #VISION-MISSION
- `.vm-card`
- `.vm-card`

`<SECTION>` #TWELVE-PILLARS
- `.pillar-card`
- `.pillar-card`

`<SECTION>` #STORYBOARD
- `.storyboard-container`

`<FOOTER>` #SITE-FOOTER
- `.footer-section`
- `.footer-section`
- `.footer-section`

Resume Page Wireframe

The resume page (resume.html) uses a single-column centred layout with a max-width of 900px. The header block uses a gradient background matching the hero section, and the body is divided into semantic resume sections.

RESUME — MOBILE (600PX)

<HEADER> #SITE-HEADER
- .logo
- ≡

.RESUME-HEADER-BLOCK
- h1 — Name
- .resume-title
- .contact-info (flex-wrap)

.RESUME-BODY
- Professional Summary
- Education
- Professional Experience
- Key Projects
- .skills-grid (1-col → 2-col)
- Activities & Awards
- References

<FOOTER>
- .footer
- .footer

RESUME — DESKTOP (950PX)

<HEADER> #SITE-HEADER
- .logo
- .nav-links

.RESUME-HEADER-BLOCK (MAX-WIDTH: 900PX, CENTRED)
- h1 — Name + .resume-title
- .contact-info (flex row)

.RESUME-BODY (MAX-WIDTH: 900PX)
- Professional Summary
- Education — .resume-item(s)
- Professional Experience — .resume-item(s)
- Key Projects — .resume-item(s)
- .skills-grid (3-col)
- Activities & Awards
- References

<FOOTER>
- .footer
- .footer
- .footer

FILE STRUCTURE

Project Directory

```
ia1-portfolio/
├── style.css — External stylesheet (linked to all pages)
├── storyboard.html — This storyboard document
├── Codes/
│   ├── index.html — Main portfolio page
│   └── resume.html — CV / resume page
└── Assets/
    └── profile.svg — Profile illustration (300×300px)
```

Colour Palette & Design Tokens

COLOUR PALETTE

Primary #0f172a rgb(15, 23, 42)	**Primary Light** #1e293b rgb(30, 41, 59)	**Accent** #8b5cf6 rgb(139, 92, 246)	**Accent Dark** #7c3aed rgb(124, 58, 237)

Accent Light
#a78bfa
rgb(167, 139, 250)
	Success
	#10b981
	rgb(16, 185, 129)
		Warning
		#f59e0b
		rgb(245, 158, 11)
			Background
			#f8fafc
			rgb(248, 250, 252)

Surface
#ffffff
rgb(255, 255, 255)
	Background Alt
	#f1f5f9
	rgb(241, 245, 249)
		Border
		#e2e8f0
		rgb(226, 232, 240)
			Border Dark
			#334155
			rgb(51, 65, 85)

TYPOGRAPHY & FONT SETTINGS

PROPERTY	VALUE	USAGE
Heading Font	'Playfair Display', Georgia, serif	h1, h2, h3, h4, .logo
Body Font	'Inter', -apple-system, sans-serif	body, p, nav, buttons, labels
Root Font Size	16px	html { font-size: 16px }
Root Font Weight	400 (Regular)	Default body weight
Line Height	1.7	body { line-height: 1.7 }
h1 Size (Mobile)	2.25rem → 2.5rem (hero)	Main headings
h1 Size (Desktop)	3.25rem → 3.5rem (hero)	Main headings at 950px+
h2 Size	1.75rem → 2.25rem	Section headings
Body Text	0.92rem – 1rem	Paragraphs, descriptions
Font Weights Used	300, 400, 500, 600, 700, 800	Light to Extra Bold

ICON & IMAGE DIMENSIONS

DB Logo Icon 42 × 42px	Profile Image 300 × 300px (SVG)	Back-to-Top 46 × 46px	Card Icons 2.5rem (emoji)

DIMENSIONS & SPACING

TOKEN	CSS VARIABLE	VALUE
Max Content Width	--max-width	1200px
Spacing XS	--spacing-xs	0.5rem (8px)
Spacing SM	--spacing-sm	1rem (16px)
Spacing MD	--spacing-md	2rem (32px)
Spacing LG	--spacing-lg	4rem (64px)
Spacing XL	--spacing-xl	6rem (96px)
Border Radius SM	--radius-sm	8px
Border Radius	--radius	12px
Border Radius LG	--radius-lg	20px
Border Radius Full	--radius-full	9999px
Transition Fast	--transition-fast	0.2s ease
Transition Default	--transition	0.3s ease
Transition Slow	--transition-slow	0.5s ease

RESPONSIVE BREAKPOINTS

BREAKPOINT	MEDIA QUERY	LAYOUT CHANGES
Base (Mobile)	< 600px	Single-column, stacked layout, hamburger nav
Tablet	min-width: 600px	2-col card grids, larger headings, wider padding
Desktop	min-width: 950px	3-col grids, inline nav, hero side-by-side, full footer

CSS ANIMATIONS & TRANSITIONS

ANIMATION	TYPE	APPLIED TO
fadeInUp	@keyframes — opacity + translateY	.hero-text, .hero-image-wrapper
pulse	@keyframes — box-shadow pulse	.profile-link (infinite loop)
Hover Lift	transition — translateY(-4px)	.card, .btn-primary, .project-link-card
Hover Slide	transition — translateX(5px)	Footer links, .vm-card
Skill Tag Hover	transition — bg colour + lift	.skill-tag (resume page)

ANIMATION	TYPE	APPLIED TO
Logo Rotate	transition — rotate(5deg) scale(1.05)	.logo-icon on .logo:hover

PSEUDO-CLASSES USED

PSEUDO-CLASS	EXAMPLE USAGE
:hover	`.card:hover, .btn-primary:hover, .nav-links a:hover`
:focus	`a:focus, .logo:focus, .profile-link:focus`
:checked	`.nav-toggle:checked ~ nav .nav-links (hamburger)`
:nth-child(even)	`.favorites-table tbody tr:nth-child(even)`
:first-child	`.card:first-child (accent top border)`
:last-child	`.resume-item:last-child, .references-list li:last-child`