**Project Documentation**

**School of Bavita Website**

**Home Page**

**Project Name: School of Bavita**

**Description:**

The "School of Bavita" homepage is a responsive educational website built using HTML, CSS, and external assets such as FontAwesome and SVG icons. The goal is to present professional programs, highlight success stories, and offer a seamless user interface for students to apply or request demos.

**1. Basic Structure & Meta Information**

* HTML5 DOCTYPE and Language Declaration:

<!DOCTYPE html> <html lang="en">

The file starts with the HTML5 standard and declares English as the default language.

* Title Tag:  
  Sets the browser tab name as "School of Bavita".

2. **External Stylesheets and Icons**

* Linked CSS files:

<link rel="stylesheet" href="./home.css">

This is the custom CSS for the website's styling.

* Font Awesome Icons:

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/.../font-awesome/6.5.0/...">

Used for menu icons, contact icons, and social media icons.

**3. Navigation Bar**

* A fixed header (<nav>) with:
  + Logo (B) and site name – "School of Bavita"
  + Responsive Toggle Menu Icon – hamburger icon (fa-bars)
  + Navigation List:  
    Links to various internal and external pages:
    - Home
    - Schools (with dropdown)
    - Programs
    - Admissions
    - About Us
    - Contact
    - Book a Demo
* Dropdown Menu:  
  Contains school categories like:
  + School of Technology
  + School of Business
  + School of Startups
  + School of Aviation & Drones

**4. Hero Section**

* Big headline with motivational message:  
  "Launch Your Tech Career"
* Subheading:  
  Describes cohort-based training and career outcomes.
* Two buttons:
  + "Explore Programs"
  + "Book a Demo" (linked to Google Forms)
* Hero Stats Section:  
  Shows statistics using numbers and captions:
  + 2500+ Graduates
  + 95% Placement
  + 150+ Industry Partners
  + 4.9/5 Rating

**5. Programs Overview (bg1 section)**

* A promotional section listing four major programs:
  1. Software Development – Full-stack focus with 6-month hybrid training.
  2. Data Analytics – Analytics tools over 4 months (online/offline).
  3. Data Science – ML/AI with 8-month training.
  4. Enterprise Tech – Cloud & enterprise tools in 5 months.

Each program is displayed as a card with:

* Icon
* Title
* Short description
* Duration, Mode, Outcome
* A "Learn More" link

**6. Demo Booking Section (bg2)**

* Encourages users to schedule a free demo session.
* Includes title, description, and button (linked to Google Forms).

**7. Why Choose Us Section (bg3)**

* Split into two columns: Left (benefits), Right (image).
* Highlights include:
  + Expert Mentorship
  + Real-World Projects
  + Career Support
  + Industry Recognition
* Each feature includes an icon and short explanation.
* Includes image and a 4.9/5 rating badge.

**8. Testimonials Section (bg4)**

* Carousel of success stories from alumni:
  + Marcus Johnson – Data Scientist at Microsoft
  + Sarah Chen – Engineer at Google
  + Priya Patel – Analytics Manager at Amazon
* Includes:
  + Ratings
  + Quotes
  + Name, job title, program
  + Dot-based navigation (static HTML, JS needed for dynamic)

**9. Final Section (bg5)**

* Large call-to-action section:
  + Motivational heading
  + Buttons:
    - "Apply Now"
    - "Book a Demo"
  + Contact buttons:
    - 📞 Phone
    - 💬 WhatsApp

**10. Footer Section**

* Split into four columns:
  1. Logo and Description:
     + School name and foundation credit.
     + Social icons: Facebook, LinkedIn, Instagram.
  2. Quick Links:  
     Navigation to main pages like Programs, Contact, Admissions.
  3. School List:  
     All the schools listed again for quick access.
  4. Contact Info:  
     Email, phone number, and physical address.
* Footer Bottom Bar:  
  Displays copyright.

### ****11. JavaScript****

* Linked JavaScript file at the bottom:

<script src="./Home.js"></script>

This is likely responsible for handling dropdown toggles, carousel logic, or mobile navigation.

**CSS File**

This stylesheet structures and styles a modern, responsive landing page with multiple sections like navigation, hero banner, feature cards, testimonials, and footer. Below is a breakdown of the CSS components, their purpose, and brief explanations.

**Global Styles**

* \* { padding: 0; margin: 0; box-sizing: border-box; }  
  Resets default spacing and ensures consistent box sizing.
* body { font-family: Arial, sans-serif; }  
  Sets the base font for the whole website to improve readability.

**Navbar (.sub)**

* Positioned fixed to the top, styled with height and padding.
* Includes a .scrolled class to change background and text color on scroll using transitions.
* Contains .logo, .list for menu items, and .btn for a call-to-action.

**Responsive:**

* For screens below 768px, the navbar becomes collapsible with .nav-toggle (hamburger icon).
* .list.open makes the mobile menu visible.

**Navigation Elements**

* .logo: Displays a colored brand title and subtitle.
* .list li: Styles navigation items with hover effects and dropdowns.
* .dropdown-toggle: Supports submenu with icon rotation on click (rotate(180deg) for active).
* Dropdowns (ul.dropdown) are hidden by default and shown only when li.active is applied.

**Buttons**

* .btn: General button styling for the navbar and hero section.
* .hero-btn, .btn-outline, .btn-primary: Variants of buttons used in hero and call-to-action sections.
* Smooth transitions and hover color changes provide visual feedback.

**Hero Section (.hero)**

* .hero-heading: Large, bold heading with colored span text.
* .hero-subtext: Supporting text with a light font color and spacing.
* .hero-buttons: Group of buttons with consistent spacing.
* .hero-stats: Statistic counters with flexbox layout.

**Decorative Animations (.bobble)**

* Circular elements with floating animation using @keyframes floatUpDown.
* Positioned absolutely for background decoration, using semi-transparent colors.

**Programs Section (.programs-section)**

* Introduces key offerings using .programs-heading and .programs-subheading.
* .programs-cards: Flex container holding .program-card elements.
* Each card contains .icon, h3, p, ul, and .card-btn.

**Demo Box (.bg2)**

* .demo-box: White container with heading, text, and button.
* Uses soft shadows and rounded corners for a modern look.

**Why Choose Us Section (.bg3)**

* .why-container: Side-by-side layout for text and image content.
* .why-left: Lists advantages in .why-item, each with an .icon, h3, and p.
* .image-box: Right-side image with a floating .rating-badge.

**Testimonials Carousel (.bg4)**

* .testimonial-carousel: Holds multiple .testimonial cards.
* Only one testimonial is .active at a time.
* .carousel-dots: Small clickable indicators for navigation with .dot.active.

**Call To Action Section (.bg5)**

* .cta-box: Contains a strong message, buttons, and contact buttons.
* .btn-outline: Outline-style button with hover transitions.
* .contact-info button: Contact methods styled with hover effects.

**Footer Section**

* .footer: Dark background with flexible grid layout for columns.
* .footer-logo and .footer-column: Branding and navigational links.
* .social-icons: Hoverable icons for social links.
* .footer-bottom: Bottom copyright.

**Media Queries**

* Applied for screens under 768px to adjust navbar behavior (.nav-toggle, .list.open).
* Enables a mobile-first design approach with responsive adjustments.

## JavaScript Functionality

### 1. ****Dropdown Menu Toggle****

* When the webpage is fully loaded, a function is triggered to activate dropdown functionality in the navigation bar.
* It checks if the user clicks on the dropdown arrow/icon beside a menu item.
* On clicking the dropdown, the submenu is either shown or hidden by toggling a class.
* This helps users easily view nested options under one menu item, especially on desktop.

### 2. ****Navbar Scroll Behavior****

* A scroll event listener is applied to the webpage window.
* When the user scrolls down the page even slightly (more than 10 pixels), a special class is added to the navbar.
* This class changes the navbar style — like background color or shadow — to show the user is scrolling.
* If the user scrolls back to the top, the original style is restored.
* This improves user experience by highlighting the navbar during scrolling.

### 3. ****Mobile Navigation Toggle****

* A mobile navigation icon (hamburger menu) is used to show or hide the main menu.
* When the icon is clicked, the menu slides open or closes using class toggling.
* At the same time, the icon changes from three lines (menu icon) to a cross (close icon) depending on the state.
* This ensures smooth and responsive navigation for mobile or small screen users.

### 4. ****Testimonial Carousel Slider****

* The webpage includes a rotating testimonial section where user feedback is displayed one at a time.
* The script keeps track of which testimonial is currently shown using an index.
* Every few seconds (3 seconds), the next testimonial automatically becomes visible.
* Dots below the testimonials also highlight which one is currently active.
* This auto-slide effect adds liveliness and professionalism to the feedback section.