

# Mentexa Website Logic and Flowchart

## Page-Wise Logic and Requirements

### index.html

- **Purpose:** Landing page introducing Mentexa and inviting users to start.
- **Requirements:**
  - Display welcome message and Mentexa description.
  - Provide "Get Started" button linking to home1.html.
  - Show footer with copyright and team names.
- **Logic:**
  - Render static content (welcome text, description, button).
  - On "Get Started" click, redirect to home1.html.
- **Example:**
  - User lands on page, sees "Welcome to Mentexa" and clicks "Get Started" to navigate to home1.html.
- **Flowchart Logic:**
  - Start → Render welcome text and button → Click "Get Started" → Redirect to home1.html.

### about1.html

- **Purpose:** Provide information about Mentexa, team, quiz sources, and tech insights.
- **Requirements:**
  - Display mission statement and privacy focus.
  - List team members with registration numbers.

- Cite quiz sources (PHQ-9, GAD-7) with reference.
- Discuss frontend frameworks (React, Angular, Vue.js).
- Include footer with copyright and team names.
- **Logic:**
  - Render static content with sections for mission, team, sources, and frameworks.
  - No interactive elements; purely informational.
- **Example:**
  - User navigates to About page, reads about team (e.g., Pritam Thapa, Reg. No.: 2024-2-08-0370) and quiz sources.
- **Flowchart Logic:**
  - Start → Render static content (mission, team, sources, frameworks) → User reads → Exit or navigate elsewhere.

## home1.html

- **Purpose:** Main dashboard for accessing self-tests, mood tracker, and motivational content.
- **Requirements:**
  - Navigation menu (Home, Self-Test, Mood Tracker, About).
  - Test selection (Depression, Anxiety) with "Start Test" button.
  - Motivational quotes carousel.
  - Mental health recommendations list.
  - Mood tracking prompt linking to mood-tracker.html.
  - Footer with copyright and links.
- **Logic:**
  - Render navigation menu and toggle mobile menu on hamburger click.
  - Display test options; on "Start Test" click, redirect to self-test.html with selected test type (e.g., Depression).

- Cycle through motivational quotes using carousel arrows (JavaScript for slide transitions).
- Render static recommendations.
- On mood tracking prompt click, redirect to mood-tracker.html.
- **Example:**
  - User selects "Depression Test" and clicks "Start Test," redirecting to self-test.html with PHQ-9 questions loaded.
  - User clicks carousel arrow to view next quote (e.g., "You are enough").
- **Flowchart Logic:**
  - Start → Render menu, test options, carousel, recommendations → Click test → Redirect to self-test.html → Click carousel arrow → Update quote → Click mood prompt → Redirect to mood-tracker.html.

## mood-tracker.html

- **Purpose:** Allow users to log and view mood history, stored locally.
- **Requirements:**
  - Navigation menu (Home, Self-Test, Mood Tracker, About).
  - Login prompt to access mood tracking.
  - Mood selection dropdown (Happy, Sad, Anxious, Neutral).
  - "Log Mood" button to save mood locally.
  - Mood history table displaying date and mood.
  - Logout option.
- **Logic:**
  - Check login status (local storage or session).
  - If not logged in, show login prompt; on login, enable mood tracking.
  - On "Log Mood" click, save selected mood and timestamp to local storage.
  - Render mood history table from local storage data.

- On logout, clear session and disable tracking.
- **Example:**
  - User logs in, selects "Happy" from dropdown, clicks "Log Mood," and sees entry in table (e.g., "2025-06-01, Happy").
- **Flowchart Logic:**
  - Start → Check login status → If not logged in → Show login prompt → Login → Enable tracking → Select mood → Click "Log Mood" → Save to local storage → Update history table → Logout → Clear session.

## self-test.html

- **Purpose:** Conduct mental health self-tests (Depression, Anxiety) and display results.
- **Requirements:**
  - Navigation menu (Home, Self-Test, Mood Tracker, About).
  - Load questions from questions.json based on test type (Depression or Anxiety).
  - Provide frequency options (e.g., Not at all, Several days) for each question.
  - "Submit" button to calculate and display results.
- **Logic:**
  - Load test type from previous page (e.g., Depression → PHQ-9 questions).
  - Fetch questions from questions.json using JavaScript.
  - Render questions with radio buttons for frequency.
  - On "Submit," calculate score based on user inputs (e.g., 0-3 per question) and display result (e.g., "Mild depression").
  - Store results locally for privacy.
- **Example:**

- User selects Depression Test, answers 3 questions (e.g., "Little interest" → "Several days"), submits, and sees score (e.g., 6, "Mild depression").
- **Flowchart Logic:**
  - Start → Load test type → Fetch questions from JSON → Render questions with options → User answers → Click "Submit" → Calculate score → Display result → Save locally.

## Overall Website Flowchart Logic

- **Start:** User lands on index.html.
- **Navigation:**
  - From index.html, click "Get Started" → home1.html.
  - From any page, use navigation menu to access Home (home1.html), Self-Test (self-test.html), Mood Tracker (mood-tracker.html), or About (about1.html).
- **Home (home1.html):**
  - Select test (Depression/Anxiety) → Redirect to self-test.html.
  - Click mood prompt → Redirect to mood-tracker.html.
  - Click carousel arrows → Cycle quotes.
- **Self-Test (self-test.html):**
  - Load questions → Answer → Submit → View results → Save locally.
- **Mood Tracker (mood-tracker.html):**
  - Login → Select mood → Log mood → View history → Logout.
- **About (about1.html):**
  - Read static content → Navigate elsewhere.
- **Data Handling:**
  - All data (mood logs, test results) stored in local storage for privacy.
  - Questions loaded from questions.json.

- **Exit:** User closes browser or navigates away.