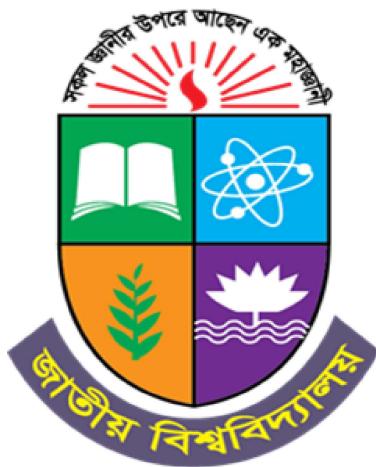


AZ-ZUHD

A Web-Based Guide to the Straight Path in Islam



This project is submitted to the department of Computer Science & Engineering as a partial fulfillment of the requirement for the award of
Degree in Bachelor of Science

Submitted By

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December, 2025

Certification of Approval

This is to certify that the thesis report entitled “**AZ-ZUHD**”, submitted by Morsalina Baby Mohuya (Registration No.19502004022, Session:2019-2020), in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering, is a record of bonafide work carried out by the student under my supervision and guidance. This project has been examined and approved as meeting the standards of academic excellence required by the Department of Computer Science and Engineering, Dhaka City College, affiliated with National University of Bangladesh.

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Bismillaahir-Rahmaanir-Raheem

(In the name of Allah, The Most Gracious and The Most Merciful)

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Alhamdulillah.

Morsalina Baby Mohuya

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ABSTRACT

"Az-Zuhd", is a Web Based Project, is a web application for enhancing the productivity of every Muslims and people interested in Islam. This book describes the project development of the Productivity System that is developed to keep the members maintain Islamic life-style efficiently.

The purpose of this project is to develop a responsive and user-friendly web-based platform titled "**Az-Zuhd**" about Islam knowledge that helps Muslims stay consistent in their daily Islamic practices. The application aims to be a comprehensive guide that integrates essential components such as prayer time notifications, a Zakat calculator, Islamic calendars, Quran and Hadith resources, and tools to track personal acts of worship (Ibadat).

This web application addresses a growing challenge among Muslims—maintaining regularity in religious duties amidst busy schedules and distractions. By offering visual analytics, reminders, and motivational elements, the platform enhances user engagement and promotes spiritual discipline. Technologies used include HTML, CSS, JavaScript, React.js for the frontend development. The project emphasizes accessibility, user responsive interface and better service.

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CHAPTER 1

INTRODUCTION

Chapter-1

Introduction

1.1 Background of the Study

In today's fast-paced and materialistic world, many Muslims find it challenging to maintain spiritual consistency and focus on Islamic teachings. Daily practices such as reading the Quran, performing Salah, and reflecting on personal conduct are often neglected due to distractions and lack of accessible guidance. Az-Zuhd, which means renunciation of worldly desires, is a key concept in Islamic spirituality emphasized by scholars like Ibn Qayyim al-Jawziyyah. It encourages Muslims to prioritize the hereafter over worldly attachments and adopt a life of simplicity, contentment, and devotion.

The Az-Zuhd Website Project aims to provide a centralized, easy-to-access platform where Muslims can learn about spiritual tranquility, Sunnah practice, and practical applications of Zuhd, meaning leading life focusing on betterment in the afterlife, in daily life. The website will offer structured articles, multimedia resources, and downloadable content to help users consistently engage with Islamic teachings. By combining technology and religious education, the project seeks to make Islamic knowledge accessible, interactive, and globally available.

1.2 Objectives

Today's Muslims face the following challenges in maintaining consistent spiritual practice:

1. Lack of centralized, authentic Islamic resources on zuhd.
2. Difficulty in accessing structured guidance on daily spiritual practices.
3. Distractions from worldly engagements leading to inconsistent practice.
4. Absence of interactive, user-friendly platforms for spiritual education.

The project addresses these challenges by providing a web-based platform that consolidates authentic Islamic teachings, presents content in a structured and visually appealing format, and allows easy navigation for users of all ages and technical abilities.

The main objectives of the Az-Zuhd Website Project are:

- To develop a user-friendly and device-friendly Islamic knowledge and information based website using HTML and Bootstrap..
- To provide authentic Islamic content on Zuhd and spiritual purification.
- To develop a user-friendly and device-friendly website that provides comprehensive guidance on Islamic daily practices.
- To integrate features like prayer timings, Quran and Hadith references, and personalized practice tracking to encourage consistency.
- To provide motivational insights and analysis to help users stay on the straight path.
- To create sections for articles, media (audio/video), and downloadable resources.

The project aim and objectives will be achieved after completion of the system which is carried out in this sub-chapter.

1.3 Motivation

The motivation behind the Az-Zuhd Website Project is to bridge this gap by providing a centralized, accessible, and user-friendly platform for learning about spiritual purification and the principles of zuhd. By consolidating articles, multimedia content, and downloadable resources in one platform, the website aims to make it easier for Muslims to:

- Understand the concept of zuhd to be perseverance in Islam practice and its importance in daily life.
- In future, make access to authentic Islamic teachings from scholars
- Develop consistent spiritual habits through structured guidance.

Furthermore, the project is motivated by the academic objective of demonstrating practical web development skills using HTML, CSS, and Bootstrap, while creating a website that is responsive, visually appealing, and

globally accessible. The combination of educational value and technical implementation drives the creation of this project, making it both meaningful and practical.

In summary, the primary motivations:

- To provide authentic and structured Islamic content in one accessible platform.
- To encourage and facilitate spiritual growth among users.
- To apply web development knowledge in a real-world, purposeful project.
- To reach a global audience seeking guidance on zuhd and spiritual purification.

This motivation ensures that the Az-Zuhd website is not only a technical project but also a platform with meaningful social, educational, and spiritual impact.

1.4 Project Scope

The project focuses on creating a web-based platform accessible from any device, targeting Muslims worldwide. It will cover essential practices including Salah, Quran reading, Zakat, Sawm, and Hajj, along with tools for tracking (future integration) and encouraging users to maintain regularity in their Ibadat.

The main contribution of the project includes:

- Development of a fully functional static website using HTML, CSS, and Bootstrap.
- Implementation of main pages: Home, About, Articles, Media, Resources, Contact.
- Presentation of articles with clear categorization (e.g., Zuhd teachings, spiritual purification).
- Embedding multimedia content such as audio lectures and videos.
- Providing downloadable PDF resources for offline reading.

Note: The project does not include backend user authentication or dynamic databases, but these features can be added in future enhancements.

1.5 Project Significance

The main contribution of the project includes:

- Ensuring mobile responsiveness and cross-browser compatibility.
- Provides a centralized platform for Islamic spiritual knowledge.
- Encourages consistent spiritual practice among users.
- Serves as a demonstration of web development methodology (HTML, Bootstrap).
- Enhances accessibility of authentic Islamic content to a global audience.
- Bridges the gap between technology and religious education, promoting both digital literacy and Islamic awareness.

This project will serve as a helpful guide and companion for Muslims seeking to enhance their religious practices in daily life. By consolidating information and practice tracking into one platform, it aims to promote spiritual wellbeing and encourage a disciplined approach to following Seerat Al-Mustaqeem, the straight path of leading life according to the light of Islam.

1.6 Organization of Project

This project book is organized into several chapters that outline the development, methodology and design, and implementation of the web-based Islamic information based Az-Zuhd application. Each chapter builds on the previous one, offering a comprehensive view of the process from conceptualization to final product. Below is an overview of how the project is structured:

1. Introduction

This chapter provides an overview of the website and the motivation behind creating the application. It introduces the key objectives and sets the stage for the rest of the project by explaining the need for a digital platform that connects service providers with customers in an efficient and reliable manner.

2. Literature Review

In this chapter, existing web platforms are analyzed to identify the strengths and weaknesses of current solutions. The literature review covers topics such as user experience design, service provider management, security concerns, and the use of technology to streamline the service delivery process. This research serves as a foundation for the decisions made during the development of the application.

3. Methodology and Design

This section outlines the technical structure of the application. It covers the architecture of the platform, including the front-end components, design, and the integration of third-party services. It also details the technologies used, such as React for the user interface, Toolkits for better management.

4. Features and Functionality

Here, the core features of the application are discussed in detail. This chapter explains the functionality available to both users and service providers, such as resources, daily maintenance and handling. It also discusses additional features like service ratings, and user notifications.

5. Implementation

This chapter documents the development process, from setting up the development environment to writing the code for various modules of the application. It provides a step-by-step breakdown of how the different components were built and integrated. Challenges encountered during the development phase and the solutions adopted are also discussed in this section.

6. Testing and Validation

This chapter focuses on the testing strategies used to ensure the reliability and functionality of the application. It includes unit tests, integration tests, and user acceptance testing (UAT). The chapter also discusses how feedback from initial user trials was incorporated into the final version of the app.

7. Results and Discussion

In this chapter, the effectiveness of the application is evaluated. Key performance metrics, such as user satisfaction, service provider

adoption, and system performance, are analyzed. The results are compared with the initial project objectives to determine how well the application meets its intended goals.

8. Conclusion and Future Work

The final chapter summarizes the key findings and contributions of the project. It also outlines potential areas for future development, such as the addition of new features, expansion into other service categories, or the use of artificial intelligence to improve service recommendations. The chapter reflects on the lessons learned throughout the project and suggests directions for ongoing improvement.

1.7 Summary

This project focuses on developing a web-based information service application that simplifies the process of connecting customers with professional information providers. The app offers features like resources, verified professionals, addressing key challenges in the Islam maintenance in daily life.

Built with modern web technologies like React Toolkit, the application prioritizes user experience and system reliability. Extensive testing ensured its functionality and responsiveness. The project successfully delivers a digital solution that streamlines Islamic knowledge, benefiting both customers and service providers, with future potential for expansion and innovation.

CHAPTER 2

LITERATURE REVIEW

Chapter-2

Literature Review

2.1 Introduction

Islam is a comprehensive way of life that guides its followers in both spiritual and practical matters. The concept of Az-Zuhd is central to Islamic teachings of detachment in the ratio of emphasizing a life of balance, devotion, and righteousness. In today's fast-paced world, many Muslims find it challenging to maintain consistency in their daily religious practices such as Salah (prayer), Quran recitation, and making Duas (supplications).

Modern lifestyle distractions, lack of accessible guidance, and limited resources hinder the ability to live according to the straight path fully. Therefore, providing an accessible and user-friendly digital platform to assist Muslims in following these practices can promote spiritual growth and help users maintain religious discipline.

2.2 Related Research Works

AboutIslam.net

- Overview: AboutIslam.net is a comprehensive Islamic knowledge portal offering articles, videos, Q&A sections, and daily tips.
- Strengths: Wide range of authentic content, user-friendly interface, responsive design, and multilingual support.
- Weaknesses: Content is vast but scattered, with no focus on specific topics like Az-Zuhd or daily spiritual practices.

Relevance to Project: The Az-Zuhd website draws inspiration from the layout, readability, and responsive design of AboutIslam.net but focuses specifically on Zuhd, spiritual purification, and structured learning.

Islamic Online Libraries and Knowledge Portals

Islamic Online University (IOU) & Al-Islam.org:

- Provide in-depth academic and religious content.
- Well-organized, searchable databases of articles and lectures.
- Mostly academic-oriented; lack interactivity and simple navigation for casual learners.

Gap Identified: While these portals offer scholarly content, they are less engaging for everyday users seeking practical guidance on spiritual practice.

Mobile Apps and Websites on Daily Ibadah

Apps like Muslim Pro, IslamicFinder, and Hadith Collection provide prayer times, Quran reading, and reminders.

- Strengths: Highly interactive and user-friendly.
- Weaknesses: They focus on functional tools (prayer times, tracking) rather than spiritual knowledge like Az-Zuhd.

Relevance: The Az-Zuhd website complements these tools by providing educational content, articles, and media focused on spiritual purification.

2.3 Approaches

Web Development Approaches in Islamic Platforms

Most Islamic websites are developed using:

1. Static Websites (HTML, CSS, Bootstrap):
 - Simple, fast, easy to maintain.
 - Suitable for content-focused sites.
 - Limitation: No user accounts or dynamic content.
2. Dynamic Websites (PHP, MySQL, React JS):
 - Offer user authentication, content management systems, and interactive features.
 - More complex and resource-intensive.

Choice for This Project:

- The Az-Zuhd website uses HTML, CSS, and Bootstrap for a static, responsive, and visually appealing design, focusing on content delivery rather than dynamic user interaction.

2.4 Identified Gaps in Existing Literature and Websites

From the review, several gaps have been identified:

Gap	Explanation
Lack of centralized focus on Az-Zuhd	Existing platforms cover broad Islamic topics but do not focus specifically on spiritual purification and Sunnah maintenance.
Poor structured navigation for beginners	Many resources are scattered, making it difficult for users to follow a guided learning path.
Limited multimedia integration	Few platforms combine articles, audio, and video on spiritual topics in one interface.
Academic-complex content	Scholarly websites often present content that is hard for casual learners to digest.

2.5 Summary

This chapter reviewed existing Islamic websites, online learning platforms, and web development approaches relevant to the Az-Zuhd project. While platforms like AboutIslam.net, IOU, and IslamicFinder provide valuable content, they either lack focus on spiritual purification or fail to present content in a structured, beginner-friendly, multimedia-rich interface. The proposed Az-Zuhd website fills these gaps by offering a dedicated, user-friendly, and comprehensive platform for learning and practicing Az-Zuhd.

CHAPTER 3

PROPOSED SYSTEM

Chapter-3

Proposed System

3.1 Introduction

Islam is a comprehensive way of life that guides its followers in both spiritual and practical matters. The concept of Az-Zuhd is central to Islamic teachings of detachment in the ratio of emphasizing a life of balance, devotion, and righteousness. In today's fast-paced world, many Muslims find it challenging to maintain consistency in their daily religious practices such as Salah (prayer), Quran recitation, and making Duas (supplications).

Modern lifestyle distractions, lack of accessible guidance, and limited resources hinder the ability to live according to the straight path fully. Therefore, providing an accessible and user-friendly digital platform to assist Muslims in following these practices can promote spiritual growth and help users maintain religious discipline.

3.2 Proposed System

The proposed system is the Az-Zuhd Website, a web-based platform designed to provide centralized, structured, and accessible Islamic content on Zuhd (spiritual purification and asceticism). The system aims to fill the gaps identified in existing Islamic websites, which either provide scattered information, lack focus on Az-Zuhd, or are difficult for beginners to navigate.

Key Features of the Proposed System:

1. User-Friendly Interface

The application features a clean, intuitive interface that allows users to easily navigate through various resources. Customers can quickly search for services, enhancing their overall experience.

Home Page:

- Banner with introduction to Az-Zuhd.
- Featured articles and latest updates.

Articles Section:

- Categorized articles on topics like Spiritual Purification, Zuhd Teachings, and Scholar Insights.
- Searchable and easy-to-read content.

Resources Section:

- Downloadable PDFs and reference material.
- Guides for practical application of Az-Zuhd in daily life.

About Page:

- Provides background information on Az-Zuhd and the purpose of the website.

Contact Page:

- Front-end form to submit inquiries or feedback (future integration with backend possible).

2. Responsive Design

Built using HTML, CSS, and Bootstrap to ensure accessibility on desktops, tablets, and mobile devices.

3. Counselling Availability

Resources can create detailed profiles showcasing their qualifications, experience, and services offered. The affiliated counselling application provides a robust booking system that allows users to schedule appointments in real-time. Customers can select their preferred service, choose a date and time, and receive instant confirmation of their booking.

4. Mobile Compatibility

The application is designed to be responsive and mobile-compatible, allowing users to access the platform from smartphones and tablets. This ensures that customers can easily go through on-the-go, enhancing convenience.

5. Scalability and Future Enhancements

The proposed system is built with scalability in mind, allowing for the addition of new features and services as the market evolves. Potential enhancements could include the integration of AI-driven recommendations, subscription services, or expansion into new geographical areas.

3.3 Summary

The proposed web-based application aims to create a seamless connection between customers and service providers, addressing the challenges faced in the current information landscape. By leveraging modern technology and focusing on user experience, the system aspires to revolutionize how knowledge are accessed and delivered, fostering trust, convenience, and satisfaction for all users.

CHAPTER 4

METHODOLOGY AND DESIGN

Chapter-4

Project Methodology & Design

4.1 Methodology

Methodology in software development is a process or series of processes used in software development. It includes design phase, development phase, testing phase. It is designed to describe the life cycle of a piece of software. It is also codified communication. This chapter explains the methodology adopted for developing the Az-Zuhd Islamic Website, which provides Islamic knowledge, articles, media, and resources related to spiritual purification and asceticism (Zuhd). The Waterfall Model was selected as the Software Development Life Cycle (SDLC) model for this project due to its structured, linear, and documentation-friendly nature. So we're actually setting a set of norms between us that say this is how we're going to work and this is how we're going to pass information between each of us in certain ways; whether that is documentation, whether that is discussion, whether that is drawings on paper.

4.2 Software Processing Model

The project methodology that is used in the development for this project is the System development Life Cycle (SDLC-Waterfall Model). SDLC is the process of understanding how an Informative Project (IP), a Web Based Project system can support users needs, designing the system, building it and delivering it to users. The SDLC comprises four phases: Planning, Analysis, Design, and Implementation. The SDLC traces the history (lifecycle) of a developing information system. Structured design methodology is the Feedback Spiral model as a designed methodology. In feedback Spiral models in all phases are cascaded to one another. In this model, one phase achieves the goal for the respective phase. For the development purpose, we can go back to the previous phase from the next phase.

WATERFALL

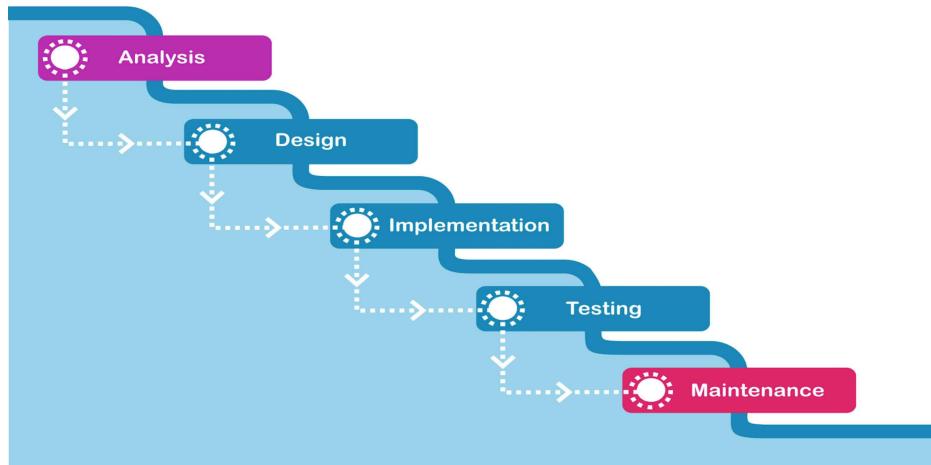


Figure 4.1: Waterfall Model

4.3 Phases Overview

The methodology outlines the systematic approach followed during the development of the Az-Zuhd website. Since the project has well-defined and stable requirements, the **Waterfall Model** is most suitable. It allows clear documentation, sequential flow, and ease of academic verification. The model consists of the following phases:

1. Requirement Analysis
2. System Design
3. Implementation
4. Testing
5. Deployment
6. Maintenance

Each phase was completed fully before moving to the next, ensuring clarity and quality throughout development. The Waterfall Model is a sequential SDLC model where progress flows downward like a waterfall. It is characterized by:

- Clear objectives
- Fixed requirements
- Well-structured phases

- Strong documentation
- Easy monitoring and evaluation

Below is the Waterfall Model flow used in this project:

Requirements → Design → Implementation → Testing → Deployment → Maintenance

4.3.1 Requirement Analysis:

This phase starts with project requirements, scope, timelines, and potential risks are identified, gathered from stakeholders, and thoroughly documented in a formal Software Requirement Specification (SRS) document. In this phase, both functional and non-functional requirements were collected.

Functional Requirements

- Responsive Islamic website built using **HTML, CSS, Bootstrap**
- Pages:
 - Home
 - About Az-Zuhd
 - Articles
 - Media (audio/video)
 - Resources (PDF downloads)
 - Contact Page
- Article cards, banner, navbar, and footer
- Internal linking between pages
- SEO-friendly structure
- Mobile-responsive layout

Non-Functional Requirements

- Fast loading time
- Minimal and elegant UI
- Easy content updates
- Cross-browser compatibility
- Accessibility standards
- Secure hosting

4.3.2 System Design:

The design phase starts with the documented requirements used to create a detailed technical design, outlining the software architecture, programming language, hardware needs, database structure, and user interfaces. This phase includes both high-level and low-level design.

A. Architectural Design

- The system follows a client-side architecture, consisting of:
- Static HTML pages
- Styling with Bootstrap/CSS
- JavaScript for interactivity
- No server-side backend at this stage

B. UI/UX Design

- Clean interface inspired by Islamic minimalism
- Bootstrap components like cards, grid layout, navbars
- High readability fonts
- Light and dark color combinations

4.3.3 Implementation (Coding):

Developers write the actual source code based on the design specifications. The system is built in smaller units, which are unit-tested for functionality.

Development was carried out using:

- HTML5 for structure
- Bootstrap 5 for layout & responsiveness
- CSS for custom styling
- JavaScript for dynamic components

Coding Steps:

- Created Bootstrap navbar
- Designed hero section
- Added featured article cards
- Developed all pages
- Inserted internal links
- Ensured responsive design

4.3.4 Testing (Verification):

Quality assurance (QA) teams thoroughly test the integrated modules of the system to identify bugs, errors, and defects and ensure the software meets the original requirements. This can include alpha, beta, and acceptance testing. Testing ensures the website runs smoothly on multiple devices and browsers.

Tests Performed

- Functional Testing (Checking all links and buttons)
- Responsive Testing (Mobile, tablet, desktop)
- Cross-Browser Testing (Chrome, Edge, Firefox)
- UI Testing (Colors, fonts, alignment)
- Content Testing (Grammar, readability)
- Performance Testing (Load time)

All issues found were minor and fixed during this phase.

4.3.5 Deployment:

The fully tested and functional product is installed in the customer or end-user environment and released to the market.

The project was deployed using free hosting services such as:

- GitHub Pages, or Netlify

Deployment Steps:

- Uploaded project files
- Created public repository
- Linked domain
- Published live version

4.3.6 Maintenance:

Once deployed, ongoing support is provided. This involves fixing undiscovered bugs (corrective maintenance), enhancing functionality (perfective maintenance), and adapting the software to new environments (adaptive maintenance).

Maintenance includes:

- Adding new articles
- Updating images/videos
- Fixing bugs
- Enhancing UI
- Adding new sections (Ramadan, Hajj, etc.)

The site structure makes maintenance simple and scalable.

4.4 Justification of Methodology Selection

The Waterfall Model was selected as the methodology for developing the Az-Zuhd Islamic Information Website because it provides a clear, structured, and sequential approach that aligns with the nature of this project. The system requirements, website features, and content structure were well understood in advance, allowing the development process to follow a linear and organized progression. Since the project focuses on delivering static and dynamic web pages, along with clearly defined features such as article display, category organization, contact form, and content management, the Waterfall model efficiently supports its development cycle.

First, the requirements of the website are stable and unambiguous, which makes Waterfall ideal. Features such as the homepage layout, Islamic content categories, navigation structure, and user interactions were determined before development began. There is minimal need for requirement changes once the project is initiated, reducing the need for iterative or flexible methodologies such as Agile.

Second, the Waterfall model offers strong documentation at every stage, which is essential for academic project submission and evaluation. Each phase—Requirement Analysis, System Design, Implementation, Testing, Deployment, and Maintenance—produces detailed documentation that can be systematically presented in the project report. This ensures transparency and traceability of how the website evolved from concept to execution.

Third, the model's phase-by-phase approach ensures discipline throughout the development cycle. Only after completing one phase does the next begin, preventing confusion and minimizing errors. For a relatively small- to medium-scale web project like Az-Zuhd, this structured flow leads to efficient planning and smooth progress.

Moreover, the Waterfall methodology supports predictability in timelines and deliverables, which is reflected in the project Gantt chart. Because each stage has a well-defined beginning and end, it becomes easier to allocate time, estimate resources, and manage milestones.

Finally, the Waterfall model is highly suitable for projects where content quality and correctness are more important than rapid software updates. The Az-Zuhd website is an Islamic knowledge platform where accuracy, consistency, and organized presentation of religious content are essential. The model ensures that all content and design elements are thoroughly reviewed before moving to the next stage, leading to a polished and reliable final product.

In conclusion, the Waterfall model was selected because it provides a systematic, predictable, and documentation-friendly framework, aligning perfectly with the academic nature, development requirements, and structured content design of the Az-Zuhd website project.

4.5 Advantages of Waterfall Model

- ❖ Simple, straightforward, and easy to understand.
- ❖ Relatively inexpensive for simple projects.
- ❖ Offers high timeline predictability if requirements are stable.
- ❖ Clear Structure: The linear and sequential nature makes the model simple to understand and manage, with clearly defined stages and milestones.
- ❖ Extensive Documentation: A strong emphasis on documentation at each stage provides a clear knowledge base, which aids in maintenance and knowledge transfer if team members change.

- ❖ Predictability: The detailed upfront planning allows for more accurate estimations of project timelines and costs, which helps in managing budgets and deadlines effectively.

4.6 Disadvantages of Waterfall Model

- ❖ Lack of flexibility; changes are difficult and costly to implement once a phase is complete.
- ❖ Risk and issues are often discovered late in the process during testing.
- ❖ Requires minimal customer involvement after the initial requirements phase.
- ❖ Inflexibility: The rigid structure makes it difficult to accommodate changes in requirements once a phase is completed. Revisions can be costly and time-consuming.
- ❖ Late Testing: Testing only occurs toward the end of the development cycle, which means defects may be discovered late, leading to major and expensive rework.
- ❖ Limited Customer Involvement: The client is primarily involved during the initial requirements gathering and final acceptance, with minimal interaction in between.
- ❖ High Risk for Complex Projects: The assumption that all requirements can be known upfront makes the model a poor fit for complex, long-term projects with evolving needs, leading to high risk and uncertainty.

4.7 When to Use the Waterfall Model

The waterfall model is best suited for projects where:

- Requirements are well-defined, clear, fixed, and unlikely to change.
- The project is small to medium-sized and has a clear end goal and predictable outcome.
- Strict regulatory compliance or extensive documentation is required, such as in the aerospace, defense, or medical systems industries.

- Resources with the necessary expertise are readily available, and the technology stack is stable and well-understood.

4.8 Data Flow Diagram

A Data Flow Diagram (DFD) visually represents how data flows through a system. It illustrates the interactions between external entities, processes, data stores, and data movement in the system. Below is an explanation of a typical web-based information application.

4.8.1 System Design Overview

User → Homepage → Article Module → Media Module → Resources Module
→ Contact Module

Modules:

1. Homepage Module: Displays hero banner & featured articles
2. Articles Module: Shows Islamic articles in categories
3. Media Module: Plays audio/video content
4. Resources Module: Provides PDF downloads
5. Contact Module: Collects user messages

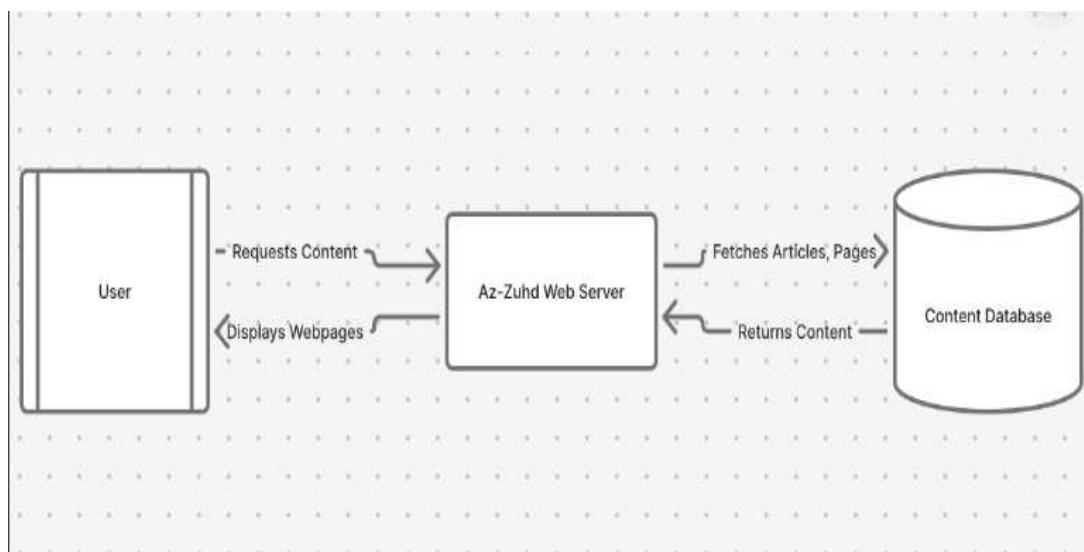


Figure 4.2: DFD Level 0 diagram

4.9 Flow Chart

A flowchart is a type of diagram that represents an algorithm, workflow or process, showing the steps as boxes of various kinds, and their order by connecting them with arrows. This diagrammatic representation illustrates a solution model to a given problem. Flowcharts are used in analyzing, designing, documenting or managing a process or program in various fields. Flowchart is used to develop understanding of how a process is done, to study a process for improvement and to communicate to others how a process is done. **“Az-Zuhd” flowchart is as follows-**

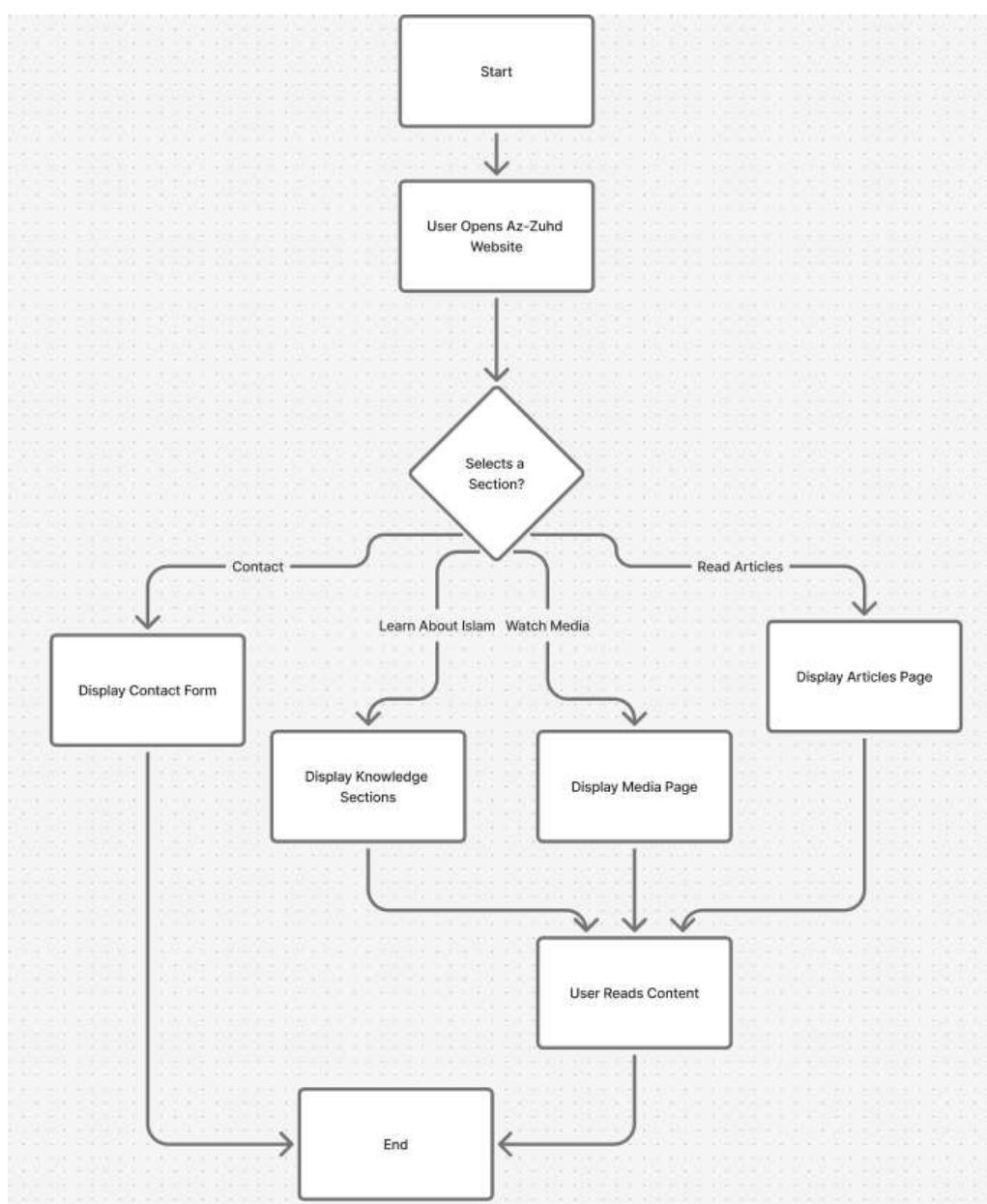


Figure 4.3: Flowchart

4.10 Use case diagram and project timeline

Use case diagrams are behavior diagrams used to describe a set of actions (use cases) that some system or systems (subject) should or can perform in collaboration with one or more external users of the system (actors). Each use case should provide some observable and valuable result to the actors or other stakeholders of the system.

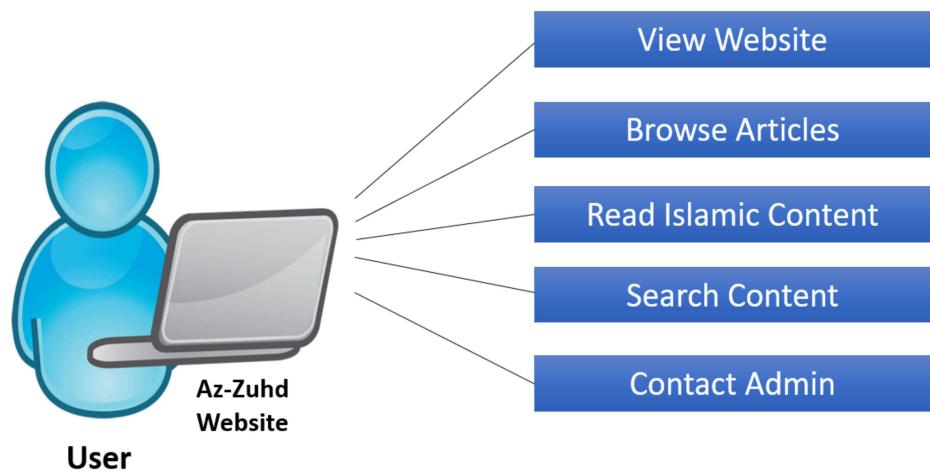


Figure 4.4: Use case diagram

Az-Zuhd Website Development Timeline								
	Week of Dec 29	Week of Jan 5	Week of Jan 12	Week of Jan 19	Week of Jan 26	Week of Feb 2	Week of Feb 9	Week of Feb 16
Planning	Jan 1 - Jan 8 Requirement Gathering	Jan 8 - Jan 13 Feasibility Study						
Design			Jan 10 - Jan 17 Website Layout Design	Jan 17 - Jan 22 UI/UX Wireframes				
Development				Jan 17 - Jan 31 Frontend Development (HTML/CSS/Bootstrap)	Jan 31 - Feb 10 Content Integration	Feb 10 - Feb 20 Backend Setup (If Required)		
Testing						Feb 10 - Feb 17 Functionality Testing	Feb 17 - Feb 22 Responsiveness Testing	
Deployment							Feb 20 - Feb 24 Hosting & Deployment	Feb 24 - Feb 27 Final Review

Figure 4.5: Az-Zuhd Website Development Timeline

4.11 Summary

This chapter presented the methodology adopted for developing the Az-Zuhd Islamic Website, with a detailed explanation of the structured processes followed throughout the system development life cycle. The Waterfall Model was selected as the primary methodology due to its linear, well-organized phases and strong documentation support, which align with the stable and clearly defined requirements of the project. Each stage—Requirement Analysis, System Design, Implementation, Testing, Deployment, and Maintenance—was executed sequentially to ensure clarity, accuracy, and ease of management.

It also includes all relevant design models and diagrams used to visualize system structure and workflow. These included Data Flow Diagrams (DFD Level 0 and flowchart), and a Gantt Chart illustrating the project timeline. These diagrams collectively provided a comprehensive overview of how the system functions, how users interact with it, and how the various modules are interconnected.

Overall, it demonstrates the systematic approach followed to design, develop, and evaluate the Az-Zuhd website. It justified the selection of the Waterfall model and showcased the detailed planning and design needed to ensure that the system is well-structured, user-friendly, and aligned with the project's goals.

CHAPTER 5

IMPLEMENTATION

Chapter-5

Implementation

5.1 Introduction

This chapter presents the implementation and results of the Az-Zuhd Website Project. The website was developed using HTML, CSS, Bootstrap, and minor JavaScript to provide a responsive, interactive, and user-friendly platform for learning about Az-Zuhd (spiritual purification and asceticism). The purpose of this chapter is to showcase the website pages, features, and functionalities with screenshots and explanations.

5.2 Home Page

The Home Page serves as the main landing page and provides an overview of the website.

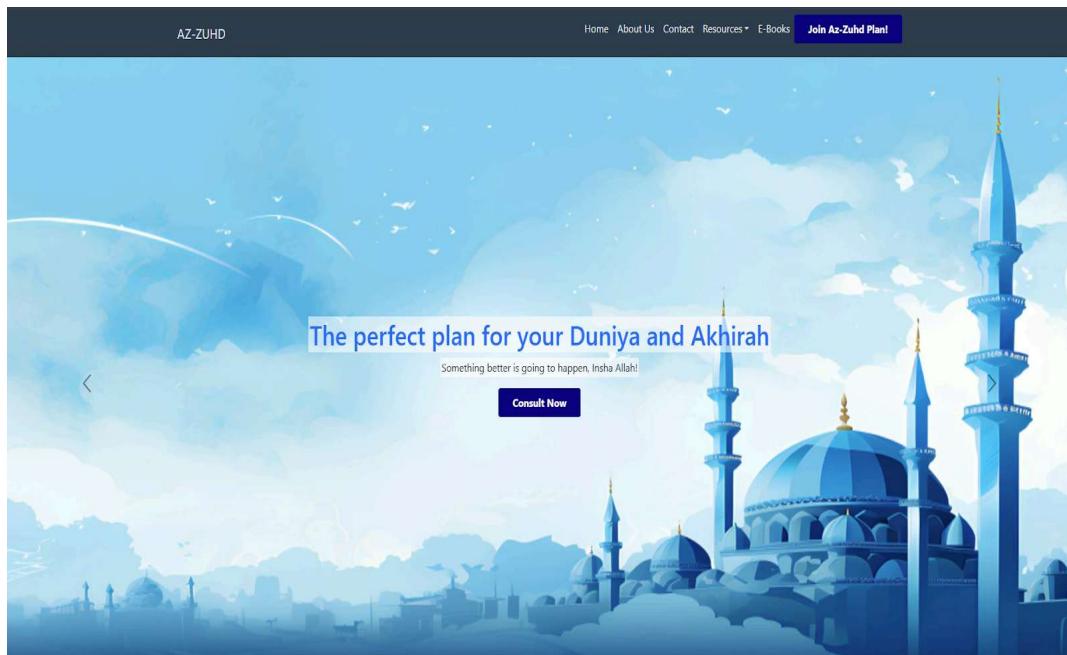


Figure 5.1: Banner

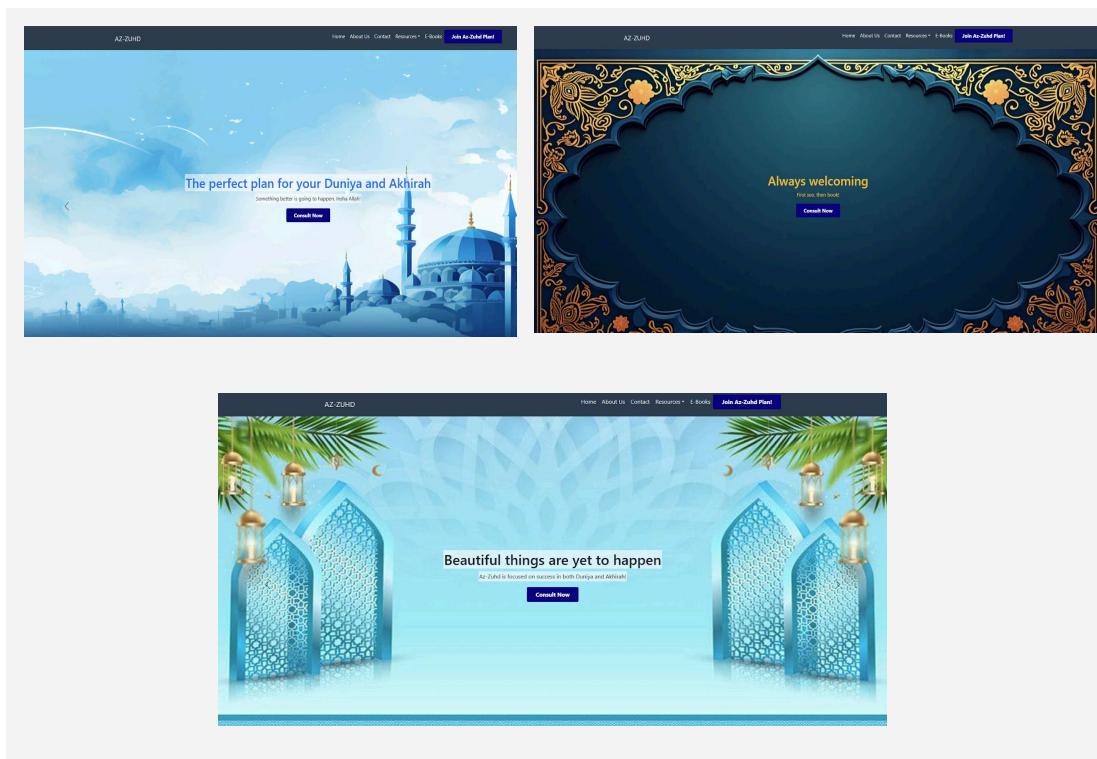


Figure 5.2: Consultancy Sliders

Features Highlighted:

- Responsive design for desktop, tablet, and mobile
- Clean layout and easy navigation
- Quick access to featured content

5.3 About Page

The About Page provides background information on Az-Zuhd, its significance in Islam, and the objectives of the website.

Features Highlighted:

- Structured textual content
- Clear headings and paragraphs for readability
- Consistent styling with the Home Page

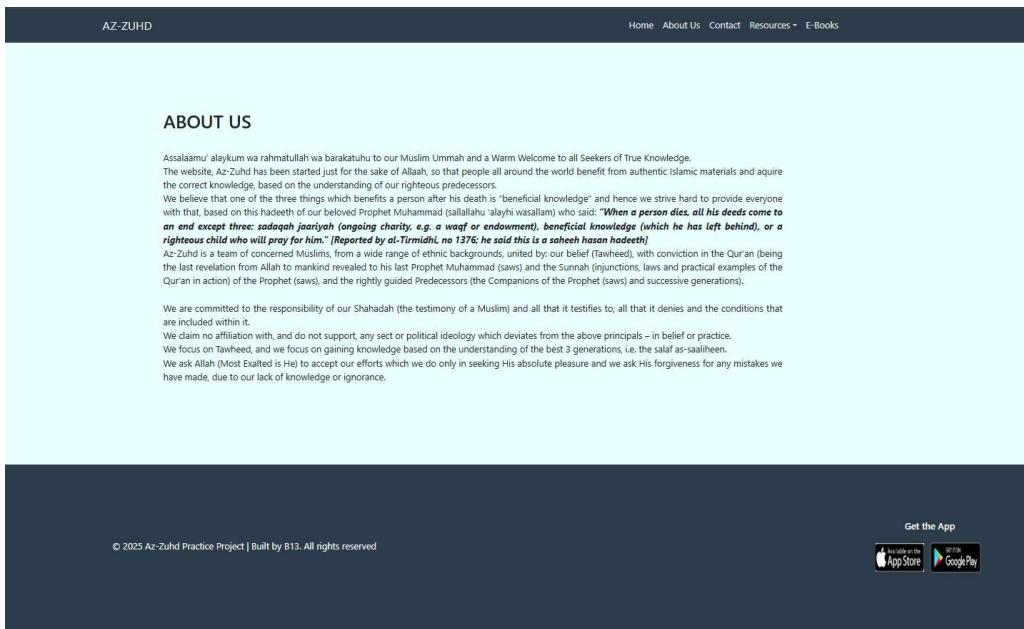


Figure 5.3: About Us design

5.4 Resources Page

The Resources Page provides downloadable PDFs and reference material for offline reading.

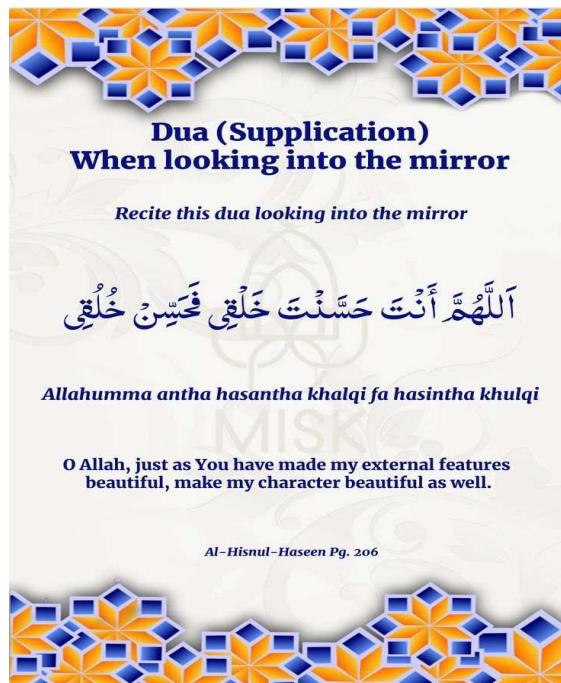


Figure 5.4: Dua Card

Features Highlighted:

- Easy access to PDFs and Dua Cards
- Download buttons for offline study
- Structured layout for organized resources

5.5 News-Letter Page

The news-letter Page allows users to send messages or feedback.

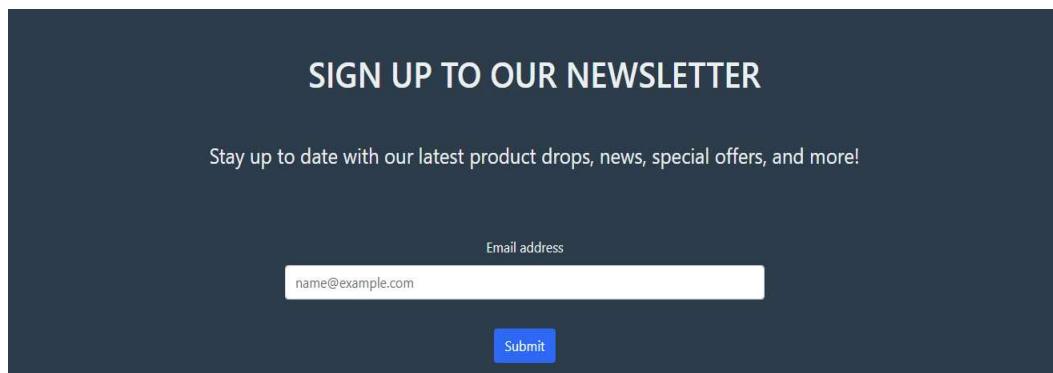


Figure 5.5: Sign up to Newsletter design

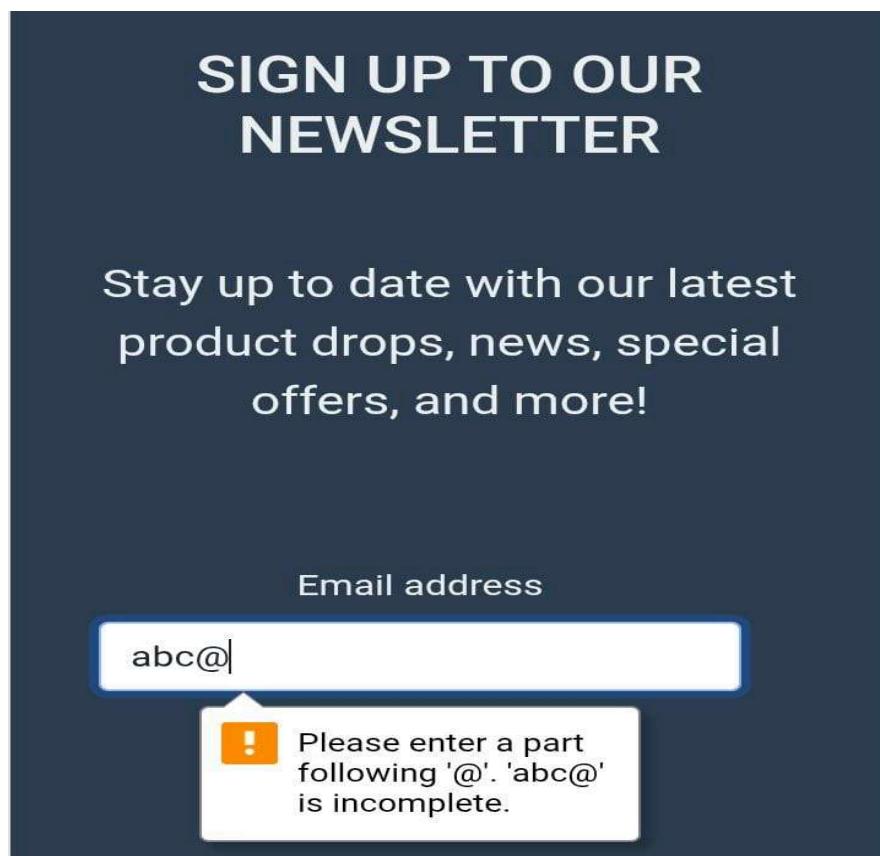


Figure 5.6: Submission alert (front-end validation)

Features Highlighted:

- Simple contact form
- Fields for email
- Submission confirmation (front-end validation)

5.6 Landing Page (Large screen view)

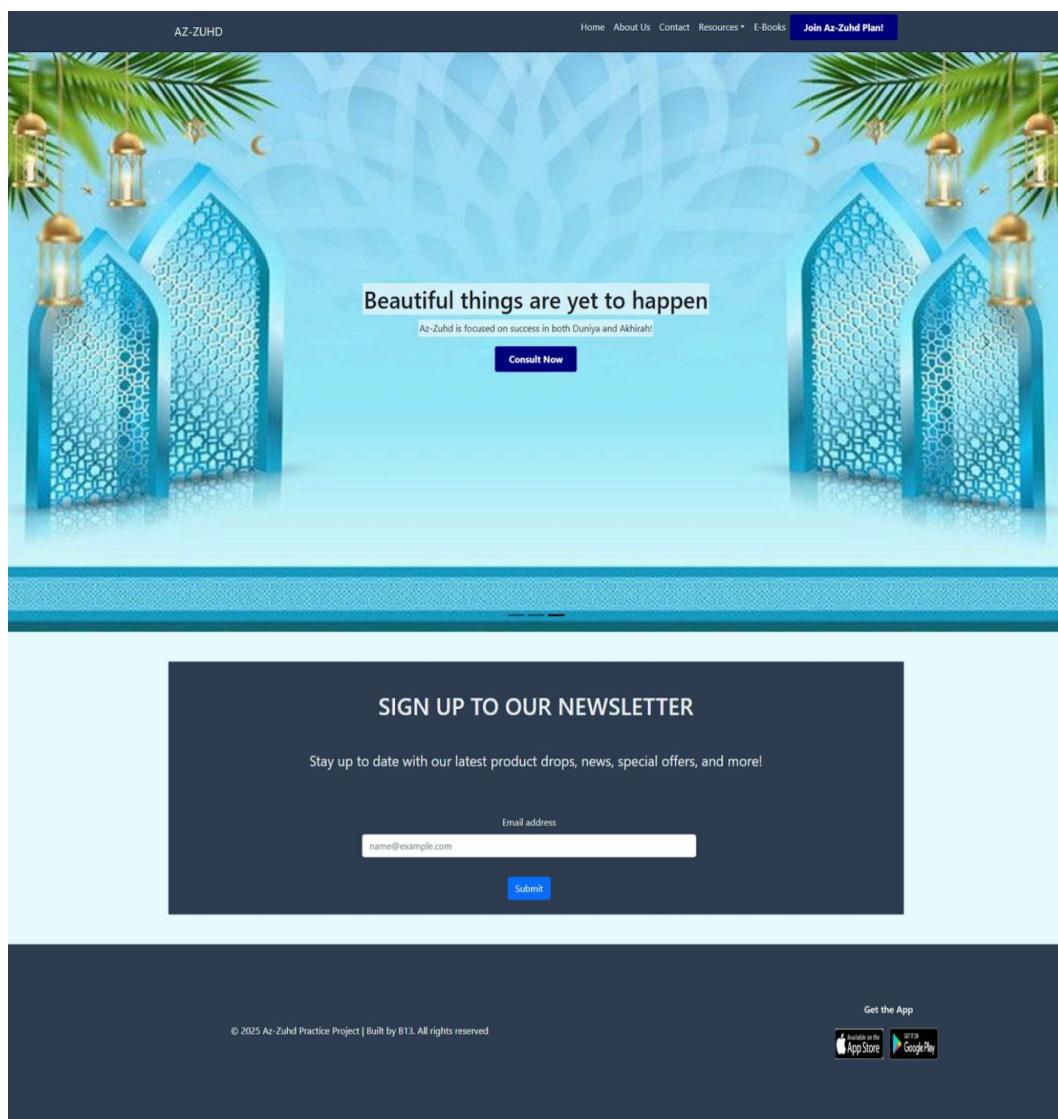


Figure 5.7: Landing Page design (Large screen view)

5.7 Landing Page (Mobile screen view)

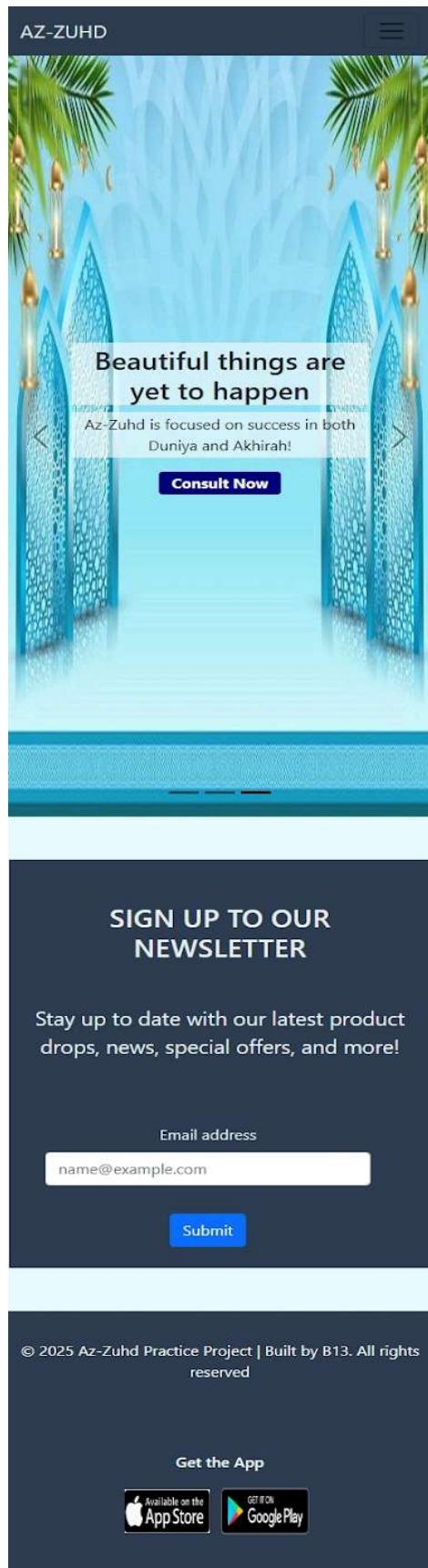


Figure 5.8: Landing Page design (Mobile view)

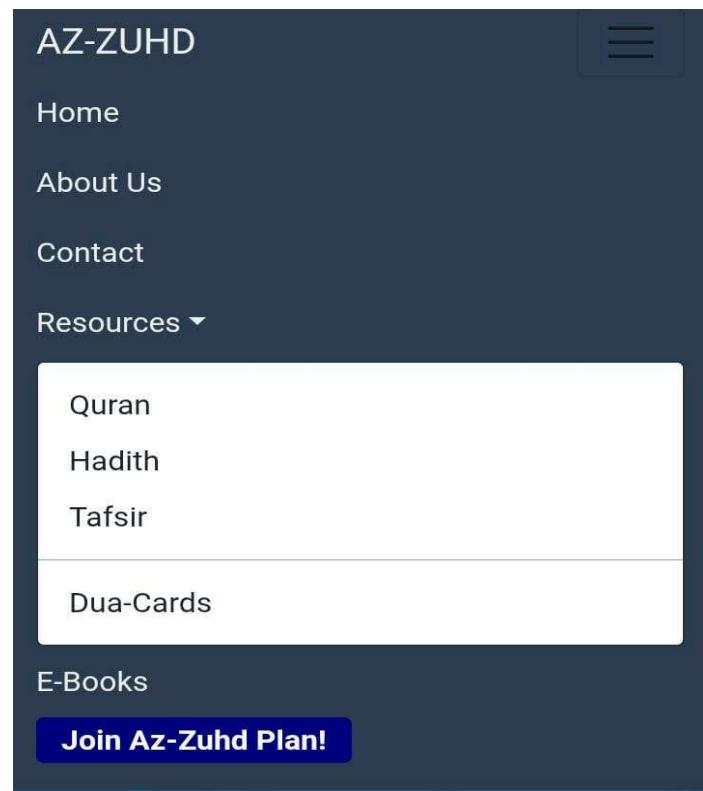


Figure 5.9: Navbar expanding (Mobile view)

5.8 Join Az-Zuhd Plan Button



Figure 5.10: Az-Zuhd Plan page

5.9 Additional Features

Modern lifestyle distractions, lack of accessible guidance, and limited resources hinder the ability to live according to the straight path fully.

- Responsive Design: Fully responsive across desktop, tablet, and mobile devices.
- Consistent Navigation: Navbar and footer available on all pages.
- User-Friendly Layout: Easy to read, structured, and visually appealing.
- Future Enhancement Ready: Can be expanded with backend functionality for dynamic content and user accounts.

5.10 Deployment

We have deployed it in Netlify follows as: <https://azzuhd.netlify.app/>

5.11 Summary

This chapter showcased the Az-Zuhd website pages, functionalities, and features through screenshots and detailed explanations. The project successfully implemented a centralized, accessible, and interactive platform for learning about Az-Zuhd and spiritual purification. The website serves as both a technical accomplishment and a practical educational resource for users.

CHAPTER 6

CONCLUSION AND FUTURE WORK

Chapter-6

Conclusion and Future Work

6.1 Conclusion

The Az-Zuhd Website provides a centralized, user-friendly platform for learning about spiritual purification and the principles of Zuhd. Using HTML, CSS, and Bootstrap, the website delivers a responsive design, clear navigation, and integrated multimedia content, making Islamic knowledge accessible to a wide audience.

Through the integration of a structured, easy-to-navigate website, a user-friendly interface, and a better front-end system, this platform not only enhances convenience for users but also empowers service providers to manage their services effectively. The scalable design allows for future expansions, making it adaptable to evolving market needs and technological advancements.

Overall, the website serves as a meaningful tool with the potential to transform how Islamic knowledge and guidance for leading an afterlife-centered life are accessed and delivered, providing a streamlined, efficient, and reliable platform for users while effectively integrating technical skills with Islamic education.

6.2 Future Work

While the web-based application provides a comprehensive solution for connecting customers with service providers, there are several areas that can be enhanced and expanded in future iterations of the platform. Below are some potential directions for future development:

1. Backend Integration & User Accounts:

Implement a content management system for dynamic updates and easier maintenance. Add quizzes, discussion forums, or reflection journals to engage users.

2. Mobile Application Development

Expanding the platform to include native mobile applications for iOS and Android would provide a more seamless experience for users. Mobile apps can leverage device-specific features such as push notifications, location-based services, and in-app communication for real-time updates and interactions.

3. AI-Driven Service Recommendations

Implementing artificial intelligence and machine learning algorithms could personalize the user experience by suggesting services based on user behavior, preferences, and location. This would improve customer satisfaction and increase the chances of repeat bookings.

4. Subscription and Membership Models

Introducing a subscription or membership model could offer users exclusive services, discounts, and priority bookings. This would create a new revenue stream and provide added value to customers who frequently use home services.

5. Enhanced Communication Tools

Adding real-time chat or voice communication features between customers and service providers could improve coordination and address inquiries or issues before, during, and after service delivery. This would foster better communication and reduce misunderstandings.

6. Geographical Expansion

The platform can be expanded to cover additional regions and countries, providing localized services in different areas. As the application grows, integrating multi-language support and currency conversion features will be crucial for reaching a global audience.

7. Advanced Analytics for Service Providers

Developing more advanced analytics and reporting tools for service providers would enable them to track their performance, analyze customer feedback, and

optimize their services. These tools could offer insights into customer behavior and market trends, helping providers make data-driven decisions.

8. Integration with Smart Home Systems

Future versions of the application could integrate with smart home systems, allowing users to automate certain tasks such as scheduling maintenance for smart appliances. This would align the platform with the growing trend of smart home technologies.

9. Improved Security Features

As the platform grows, enhancing security features such as two-factor authentication (2FA), fraud detection, and advanced encryption will be necessary to protect user data and ensure secure transactions.

10. Service Provider Training and Certification

Introducing a training and certification program for service providers could help ensure that all providers meet a certain quality standard. This would build trust among users and differentiate the platform from competitors by guaranteeing high-quality service providers.

11. Az-Zuhd Plan

Az-Zuhd plan can be a great Dawah initiative in Islamic platform, can be integrated later with the recommendations and under super observation of Scholars. It would be a revolutionary step for Muslims in daily life.

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