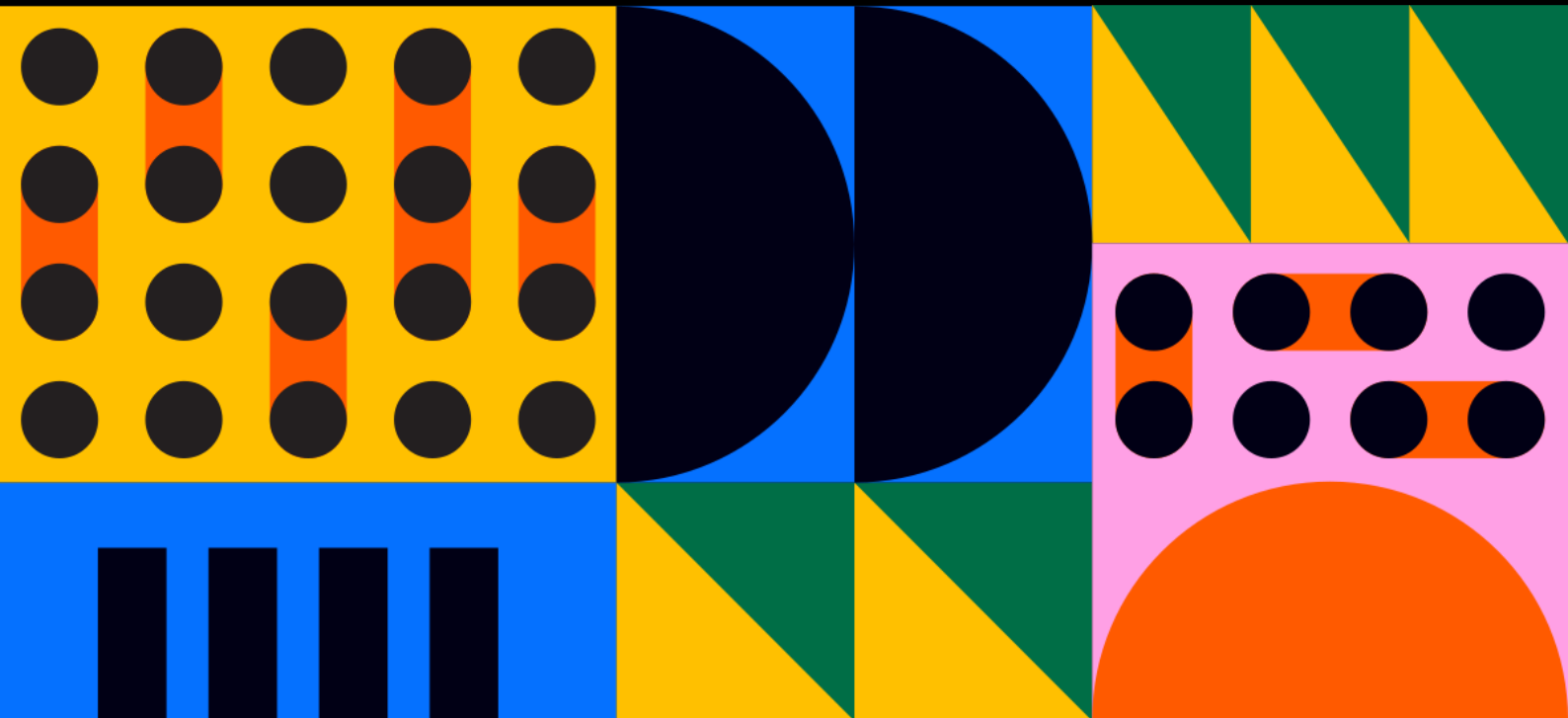




Software Requirements Specification Template

By Startup Development House



Software Requirements Specification Template

This template is an outcome of our years of experience in collaborating with startups. If you follow our instructions and develop your startup using this type of spec sheet, you will avoid a lot of problems, save money, and most of all successfully launch the first iteration of your startup on the market.

Goals and Project Description

What is the goal of the project?

To create a blog website to encourage community discussions

What problems does the project solve?

It solves the problems of lack of platforms for self-expression and limited connectivity

What is the vision?

Vision is :

Connection and understanding

Knowledge Sharing

Community Engagement

Innovation and Inspiration





1

User Personas



Adventurous Alice



Alice

travel enthusiast 28 years old

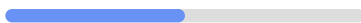
Sex **Female** Industry **Freelance travel writer/blogger**
Location **San Francisco, California** Education **Bachelor**
Company size **1-2** Family status **Single**

Skills

Writing



Photography



Social Media Management



Reach

Referrals



Social Media



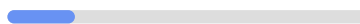
Traditional ads



Public Relation



Direct sales



Inbound content



Motivation to buy

Easy to use



Efficiency



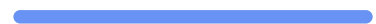
Time (savings)



Price



Social



Trends

Negative trends

Positive trends

Pains

Difficulty in finding authentic travel experiences.
Overwhelmed by excessive travel information online.

Gains

Access to reliable travel insights and hidden gems.
A sense of community among fellow travelers.

Jobs to be done

Pain relievers

Curated travel guides and insider tips.
A user-friendly platform with a community forum for sharing experiences.

Gain creators

Engaging travel narratives and personal stories.
Interactive maps highlighting unique destinations.

Product and services

Curated travel guides by destination.
Interactive forums for sharing travel experiences.

Knowledge-Seeker Kevin



Kevin

Financial Analyst 35 years old

Sex	Male	Industry	Finance
Location	New York City, New York	Education	Master
Company size	1-2	Family status	Married young kids

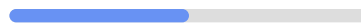
Skills

Reach

Referrals



Social Media



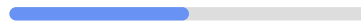
Traditional adds



Public Relation



Direct sales



Inbound content

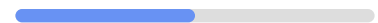


Motivation to buy

Easy to use



Efficiency



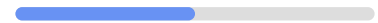
Time (savings)



Price



Social



Trends

Negative trends

Positive trends

Pains

Difficulty in finding credible and comprehensive information.
Limited time to search through vast amounts of data.

Gains

Access to well-researched articles and analyses.
A platform for intellectual discussions.

Jobs to be done

Stay informed on various subjects.
Engage in intellectual discussions.

Pain relievers

Curated content with reliable sources and references.
Time-saving tools for filtering and categorizing information.

Gain creators

In-depth articles and data-driven analyses.
Discussion forums for intellectual debates.

Product and services

Curated topic-wise articles and research papers.
User-friendly discussion boards for debates.

Aspiring Author Anna



Anna

Author 24 years old

Sex	Female	Industry	Writing
Location	London, United Kingdom	Education	Bachelor
Company size	1-2	Family status	Single

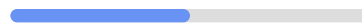
Skills

Reach

Referrals



Social Media



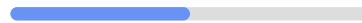
Traditional adds



Public Relation



Direct sales



Inbound content

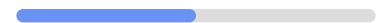


Motivation to buy

Easy to use



Efficiency



Time (savings)



Price



Social



Trends

Negative trends

Positive trends

Pains

Lack of exposure and feedback for writing.
Difficulty in finding inspiration and guidance.

Gains

Exposure for her writing and creativity.
Feedback and encouragement from peers.

Jobs to be done

Improve writing skills and get feedback.
Find inspiration and guidance in the writing journey.

Pain relievers

Writing workshops and tutorials.
Opportunities for peer review and constructive criticism.

Gain creators

Writing prompts and exercises.
Author interviews and success stories.

Product and services

Writing workshops and webinars.
Peer review and critique groups.



Tarun

Software Developer 30 years old

Sex	Male	Industry	Technology
Location	Seattle, Washington	Education	Bachelor
Company size	1-2	Family status	Married no kids

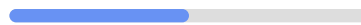
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Referrals



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Efficiency



Time (savings)



Price



Social



Trends

Negative trends

Positive trends

Pains

Keeping up with rapidly changing tech trends.
Difficulty in finding comprehensive coding resources.

Gains

Stay updated on the latest technology developments.
Access to high-quality coding tutorials and resources.

Jobs to be done

Stay informed about the tech industry.
Learn and improve coding skills.

Pain relievers

Tech trend analysis and summaries.
Curated coding tutorials and resources.

Gain creators

Advanced coding challenges and projects.
Interviews with tech industry experts.

Product and services

Tech news and trend analysis.
Coding tutorials and challenges.

Community-Driven Carla



Carla

Social Worker 42 years old

Sex	Female	Industry	Social Work
Location	Toronto, Canada	Education	Master
Company size	1-2	Family status	Married old kids

Skills

Reach

Referrals



Social Media



Traditional adds



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Price



Social



Trends

Negative trends

Positive trends

Pains

Lack of platforms for community engagement and awareness.
Difficulty in finding reliable information on social issues.

Gains

A platform to raise awareness and engage with a supportive community.
Access to verified information and resources for social causes.

Jobs to be done

Connect with like-minded individuals for community initiatives.
Stay informed and engage in social causes.

Pain relievers

Community-driven initiatives and events.
Verified resource repositories for social causes.

Gain creators

Collaborative projects for community impact.
Expert-led discussions on social issues.

Product and services

Community engagement events and projects.
Resource databases for social causes.



2

User Stories



AS A/AN	I WANT TO...	SO THAT
travel enthusiast		I can discover unique destinations and plan my trip effectively.
knowledge seeker	access well-researched articles	I can stay informed and learn about various subjects
aspiring writer	a platform to share my stories and receive feedback	I can improve my writing skills and stay connected with a community of writers
social advocate	to engage in discussions on social causes	I can raise awareness and connect with like-minded individuals.
community member		I can actively participate in social impact projects.
tech enthusiast		I can learn and stay updated with the latest tech trends.
adventure seeker	a forum to share my travel experiences and connect with fellow travelers	I can inspire and be inspired by others' adventures.

Sitemap

```

<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <!-- Home Page -->
  <url>
    <loc>https://www.example.com</loc>
    <priority>1.0</priority>
  </url>
  <!-- About Page -->
  <url>
    <loc>https://www.example.com/about</loc>
    <priority>0.8</priority>
  </url>
  <!-- Blog Section -->
  <url>
    <loc>https://www.example.com/blog</loc>
    <priority>0.9</priority>
  </url>
  <!-- Individual Blog Posts (Hypothetical URLs) -->
  <url>
    <loc>https://www.example.com/blog/post-1</loc>
    <priority>0.7</priority>
  </url>
  <url>
    <loc>https://www.example.com/blog/post-2</loc>
    <priority>0.7</priority>
  </url>
  <!-- Contact Page -->
  <url>
    <loc>https://www.example.com/contact</loc>
    <priority>0.8</priority>
  </url>
</urlset>

```



Page Description

PAGE NAME	PAGE STRUCTURE
Blog/Articles	1. A collection of blog posts or articles, organized by categories. Allows users to explore various topics covered by the blog.
Home Page	1. Introduction to the website 2. featuring highlights of recent blog posts 3. inviting users to explore different sections.
About Us	1. Details about the website's mission, values, and the team behind the blog. Includes a narrative about the blog's purpose and contributors.
Individual Blog Post Pages	1. Pages for each blog post/article, containing detailed content, images, and comments section for user engagement and discussion.
Services/Topics	1. A section listing different categories or topics covered by the blog (e.g., Travel, Technology, Writing Tips). Each category leads to specific posts or articles within that domain.
Search Results Page	1. Displays search results based on user queries, allowing users to find specific content on the website efficiently.
Contact Us	1. Contact information, such as email, social media links, or a contact form for users to get in touch with the website administrators or authors.
Individual Service/Topic Pages	1. Dedicated pages for each service or topic, providing in-depth information, guides, articles, or resources specific to that category (e.g., "Travel Destinations," "Coding Tutorials").
User Profile (Optional)	

1. A user profile page allowing registered users to manage their subscriptions→ saved articles→ or personal information if applicable.

Error/404 Page

1. Custom error page for handling broken links or incorrect URLs→ guiding users back to the main website or suggesting alternative pages.

Wireframes

Non Functional Requirements

1. Technology - Backend:

- Ruby On Rails

2. Technology - Frontend:

- Rails and HTML/CSS

3. Hardware Specification and Server Configuration

- Ansible

4. System Interfaces or 3rd Party Products:

- Active Record Associations
- Devise
- Active Record
- Active Support
- Bootstrap or Tailwind CSS
- RSpec
- Pundit
- AJAX with JavaScript

5. Security:

- Lockbox
- Brakeman
- Pundit
- Authentication and Authorization: Devise
- Bundler-Audit
- Lograge
- Hakiri
- Rollbar

- VS Code
- Docker/DockerHub/Docker Swarm
- Prometheus & Grafana
- Git Actions

6. Configuration Management /DevOps methodology:

- Jira
- Git/GitHub





3

**Budget,
timeline, risks.
Future iterations**



Timeline

Day 1:
Planning and Requirement Analysis
Day 2-3:
Backend Development
Day 4-5:
Frontend Development
Day 6-7:
Testing and Deployment

Budget

0

Risks

NA

Future Iterations

FEATURE	DESCRIPTION
FrontEnd	Making it more interactive



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D E V E L O P M E N T

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