MAY 17, 2024

ABHINAV SONI

Project 3: A Website for PMI Conference Registration

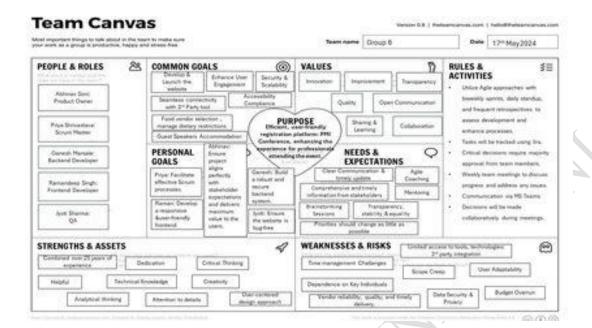**Welcome to the PMI Conference Registration Website: -**

We're excited to streamline registration, offer session reservations with waitlist notifications, and enable profile management. Enjoy early bird discounts, diverse payment options, tailored catering, and hotel services for speakers. Join us in enhancing the conference experience for all attendees!

Vision Statement:

To create an intuitive, secure, and comprehensive online platform that simplifies the registration process for PMI Conference attendees, facilitates seamless session management, and enhances the overall conference experience for project management professionals.

Mission Statement:

Our mission is to develop a user-friendly website for the PMI Conference that enables project management professionals to effortlessly create and update profiles, register for the conference with early bird discounts, reserve preferred sessions, and manage their participation with ease. We aim to provide flexible payment options, accommodate dietary restrictions through a reliable catering partner, and offer convenient hotel services for guest speakers, ensuring a seamless and enjoyable experience for all attendees
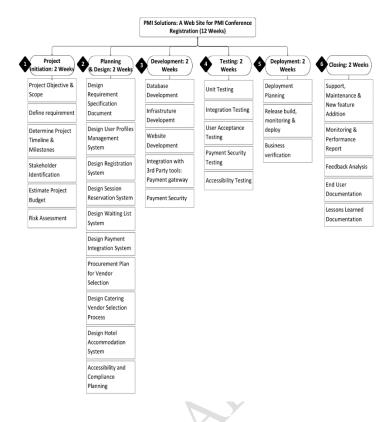
Team Canvas

Agile Team Role:

Name	Role	Responsibilities
Abhinav Soni	**Project Owner**	Main Duty: Ensure project aligns perfectly with stakeholders expectations and deliver maximum value to the user. Other Duties: • Gathering feature requests • Scheduling releases • Coordinating sprints • Determining the overall vision of products • Managing various backlog items and deciding which features each product will have according to clients' preferences

Priya Shrivastava	**Scrum Master**	Main Duty: Facilitate effective scrum process. Other duties: • Creating and maintaining project timelines • Identifying and managing risks • Monitoring progress against project goals • Managing the scope of work to be done within the available time frame • Leading the sprint ceremonies, such as the daily scrum and sprint retrospectives • Working with the product owner to define the work to be done • Removing conflicts and impediments to success • Keeping the scrum team focused on delivering the sprint goals • Being the primary communicator within and outside of the scrum team
Ganesh Marsale	**Backend Developer**	Main Duty: Build a robust and secure backend process. Other Duties: • Develop and maintain the server-side logic, databases, and APIs for the conference registration platform. • Implement secure and efficient user authentication and profile management systems. • Create and manage the registration system, including early bird discount mechanisms. • Develop functionality for session reservations and manage waitlists with real-time notifications. • Integrate various payment methods, including PayPal and credit cards, ensuring secure transactions. • Collaborate with frontend developers to ensure seamless data flow and user experience. • Work with vendors to integrate catering options and manage dietary restrictions. • Provide backend support for hotel service management for guest speakers. • Optimize application performance and scalability.

Ramandeep Singh	**Frontend Developer**	Main Duty: Develop a responsive and user friendly frontend. Other duties: • Ensure seamless profile creation and updating features for project management professionals. • Design and implement a registration system with early bird discount capabilities. • Create a session reservation system with waitlist notifications. • Integrate diverse payment methods including PayPal and credit cards. • Collaborate with the backend team to ensure smooth data flow and user experience. • Work with vendors to incorporate catering options and manage dietary restrictions. • Assist in providing hotel service information and booking options for guest speakers. • Ensure cross-browser compatibility and optimize web performance.
Jyoti Sharma	**QA**	Main Duty: Ensure the website is bug-free Other Duties: • Perform thorough testing of profile creation, registration processes, session reservations, waitlist notifications, and payment integrations. • Ensure functionality across different browsers and devices for a consistent user experience. • Test the integration of catering options, including dietary restrictions management. • Verify hotel service booking features for guest speakers. • Identify, document, and track defects and inconsistencies in a detailed manner. • Collaborate with developers to ensure timely resolution of identified issues. • Conduct regression testing to ensure resolved issues do not reoccur and new features do not introduce new problems. • Validate data accuracy and integrity across the platform. • Ensure compliance with security standards and data privacy regulations. • Continuously assess and improve testing processes and methodologies.

PMI WBS Structure: A Website for PMI Conference Registration (12 Week)

PMI Solutions: A Web Site for PMI Conference Registration (12 Weeks)

1. Project Initiation: 2 Weeks
- Project Objective & Scope
- Define requirement
- Determine Project Timeline & Milestones
- Stakeholder Identification
- Estimate Project Budget
- Risk Assessment

2. Planning & Design: 2 Weeks
- Design Requirement Specification Document
- Design User Profiles Management System
- Design Registration System
- Design Session Reservation System
- Design Waiting List System
- Design Payment Integration System
- Procurement Plan for Vendor Selection
- Design Catering Vendor Selection Process
- Design Hotel Accommodation System
- Accessibility and Compliance Planning

3. Development: 2 Weeks
- Database Development
- Infrastruture Developemt
- Website Development
- Integration with 3rd Party tools: Payment gateway
- Payment Security

4. Testing: 2 Weeks
- Unit Testing
- Integration Testing
- User Acceptance Testing
- Payment Security Testing
- Accessibility Testing

5. Deployment: 2 Weeks
- Deployment Planning
- Release build, monitoring & deploy
- Business verification

6. Closing: 2 Weeks
- Support, Maintenance & New feature Addition
- Monitoring & Performance Report
- Feedback Analysis
- End User Documentation
- Lessons Learned Documentation

Jira Confluence Link: https://algomabrampton-priyashrivastava750.atlassian.net/wiki/x/0QAK