Case Study

Elegant MicroWeb Designs Conference Navigator Mobile Apps for Australian Client
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The Client

This Client business is focused on protecting and sustaining the environment by converting animal by-products into a variety of edible products and other products to support ecological balance.

The Objective

The project scope evolved as a result of the Client need to broadcast and distribute information about its annual conferences to delegates and attendees and to register and manage conference attendance. The Client wanted to create a mobile application to facilitate the registration and attendance process and to enable attendees and delegates to gather information about the conference, sessions, and speakers and share information with other attendees and delegates.

The Solution

Elegant MicroWeb worked closely with the Client team to define requirements and to design, develop and implement various integrated solutions to address each of the Client requirements and execute a seamless rollout of new features and functionality.

The Elegant MicroWeb team project approach was designed to:
- Involve and coordinate with stakeholders to develop detailed requirements and a release plan
- Involve and coordinate with key product team members to plan comprehensive testing
- Involve and coordinate with the Client team to plan for timely and seamless internal and production releases
- Ensure network, hardware, and technology compatibility and performance
- Define and implement quality and support processes to accommodate upgrades and ongoing maintenance
- Develop and deploy an appropriate user training program

The Project Scope:
- Conference Navigator Mobile Application
  - Allow attendees and delegates to view program schedules
  - Provide information on workshops, set alerts or reminders, and allow attendees and delegates to provide feedback and participate in surveys
  - Allow attendees and delegates to post about programs and sessions and send private messages to other delegates
  - Provide an overall conference map to allow attendees and delegates to check booth information and locations
  - Feature conference sponsors

- Conference Registration Mobile Application
  - Allow attendees and delegates to register for the conference
  - Provide information on conference sponsors and provide a map to allow attendees and delegates to check booth information and locations
  - Feature conference sponsors

- Conference Delegate Mobile Application
  - Allow attendees and delegates to access conference schedules
  - Provide information on workshops, set alerts or reminders, and allow attendees and delegates to provide feedback and participate in surveys
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- **Attendance Mobile Application**
  - Provide details on delegate, attendee, visitor attendance
  - Provide a QR Code Scanner to track and detail attendance

- **Web Administration Panel**
  - Enable delegate/attendee/user registration
  - Configure and manage booth locations and organizer information
  - Manage information about sponsors and sponsorships
  - Manage information about workshops, speakers and schedules
  - Provide a platform for delegate and attendee survey participation questions, survey configuration and survey results
  - Provide detailed reports and formats

- **Support & Maintenance**

- **Administrative and User Training**

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**The Technology**

- **Web Administration Portal**
  - Server: PHP Laravel Framework
  - Database: MySQL
  - API: JSON

- **Native Mobile Application Development**
  - iOS
  - Android

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**Elegant MicroWeb Role**

The Elegant MicroWeb team provided support to develop requirements and to design, develop, configure, deploy and train users for all components and apps.

The Elegant MicroWeb team also provided support, knowledge and skill in the following areas and activities:

- Developing detailed requirements and a roadmap and plan for execution in close consultation with all stakeholders
- Performing technical feasibility
- Providing graphics, layout and user experience design
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- Providing architecture design and execution, app development, maintenance and support
- Planning and performing continuous enhancement, upgrade and roll out
- Executing deployment of web portal on AWS Server
- Providing support for release of native apps on Apple and Google stores
- Providing training and support to business users

Conclusion

The Elegant MicroWeb team worked with this Australia-based Client team to successfully plan, design, develop and deploy solutions and achieve Client objectives. The solution is designed to effectively facilitate, streamline and manage the Client yearly conference, organize, monitor and manage routine conference-related activities, manage conference attendance, provide support for delegate and attendee communication and data sharing, as well as survey participation, conference and session registration and quick, seamless delegate and attendee access for information on workshops, sessions, sponsors, booth locations and more.
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