

Client Business

A leading online travel
planning –Travel Industry

Business Needs

- Easy to use interface
 - Better collaboration and search pattern
 - Travel portal with wide variation and options
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Technology used

- C#.NET, .NET 4.0/4.5, Azure Cloud Services
 - Hosting on Microsoft Azure/IIS7
 - MSSQL 2012
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Outcomes

- Deep criteria based searching of user requirements.
 - Precision based algorithm ensured a greater success of the web application
 - Scalable and robust
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Cloud Based LMK portal with powerful search and multiple vendor integration algorithm

Summary – Katpro Tech was tasked with developing a ‘Last Minute Keys’ portal for the benefit of users who has a last minute travel planning. The key objective of the site was to give the end user the best possible and affordable planning guidance from ticketing, hotel bookings, car services standpoint. As a matter of fact the end moment planning is going to be expensive one as well with very very limited options.

A critical aspect here was the precision based searching of hotels, ease of travelling mode that too with various options and obviously an affordable one. This was critical to ensure that the correct search pattern based on precise location the user should able to view the list of options availability.

Katpro Tech provided an easy to use solution driven by a powerful algorithm engine at the backend that not only give the best possible travel planning but also facilitated with proper guidance within user budgets.

Challenge – The client needed a web application that search for the best possible hotels, travelling mode with accurate locations as per the user requirement easily on the portal. The web application also needed to carry out routine administrative and management functions to ensure smooth business operations.

A technical platform that will allow all customer to book their destination with wide variety that too without any financial bar (more discounted prices)

Portal should be accessed through the multiple devices irrespective of windows, iOS or Android.

An additional concern was to enable a smoother UI/UX experience as well with customized feature like hidden gem concept, rate calendar filtered based on accurate and precise location.

Solution – Katpro Tech executed the web portal development using C# .NET 4.0/4.5. The system provided value at two levels –

- a. Allow users to easily create logins and plan their travel itinerary.
- b. Multi-level of module like vendor, property admin, consumer, superadmin and admin with the required credentials
- c. Complete solution is hosted on Azure thereby reducing the hardware constraints and IT overheads.

We created a multiple login with client can easily manage and supervise the portal. Auto registration would be done only for new customers. A key USP of the site was the powerful search algorithm to help users finding the best possible ways of traveling and plan their itinerary based on accurate locations. The search algorithm is triggered when user give the search inputs like location, budget range etc. It then does a meticulous and blazing fast query of the target search item based on numerous criteria such as budget range, description, location, date etc. This helped in retrieving the accurate search listing that matches exactly with the queries item.

Thus it successfully implements the core functionality of Last Minute Keys, along with automated administration of the site. The hosting on MS Azure/IIS7 ensured that it could handle database load demands very efficiently without drop in performance or downtime.

Benefits –

- a. The user gets real-time itinerary details that exactly matches the search filters. This way, users can simply get a best deals and offers
- b. Our clients were able to monitor the performance of application successfully over the cloud. key benefits of the application are -
 - Scalable and robust
 - Secure data & Intuitive and user-friendly
 - Faster query processing
 - SQL server data basing, ASP.NET programming
- c. Quick view of the total search history listed with multiple parameter and can use the data to streamline and automate routine process needed to keep the site running at optimum performance

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