



A Calendar based Scheduling Application for Windows App Store

An effective Windows 8 calendar based personal organizer application is available for the end-users

Situation

- A leading Japanese electronics company wanted to establish its presence in mobile software business by providing innovative and productivity enhancing application suite for end users
- Scheduler application was one of the important productivity application in the suite which provided flexible and efficient calendar management to the user

Challenge

To implement scheduler with following features for improved calendar management and overall productivity enhancement

- Synchronization of events from scheduler to Google calendar and vice versa
- Management of multiple calendars with easy switching
- Group-wise categorization and display of events
- Different types of memos to be listed along with events in calendar
- Holiday information relevant for users current location

Harbinger Solution

- REST based Google API calls used to synchronize the application with Google Calendar
- Normalised SQLite database to handle multiple calendars efficiently
- Assigned identifier to each group associated with different calendars in order to show the events for a specific group in a calendar
- Implemented 'To Do', 'Text', 'Image' and 'Voice' memos. Win RT API calls used for 'Voice' memos. Provided ability to sort memos according to the priority, execution date, deadline date and status.
- REST based Google API calls used to fetch country specific holiday list; displayed with colour codes in the calendar.



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Tools & Technologies

- Win 8 SDK
- .NET 4.5
- SQLite database

Benefits

- Efficient productivity enhancement application with varied features like Google calendar synchronization, multiple calendar handling, group-wise event categorization and memo classification
- Application received good reviews and captured a wider user base