



Event Capturer

CHUNG Kwong Yuen (Albert),
LAM Sheung Chun (Tom),
MAR Chun Sum (Connie)

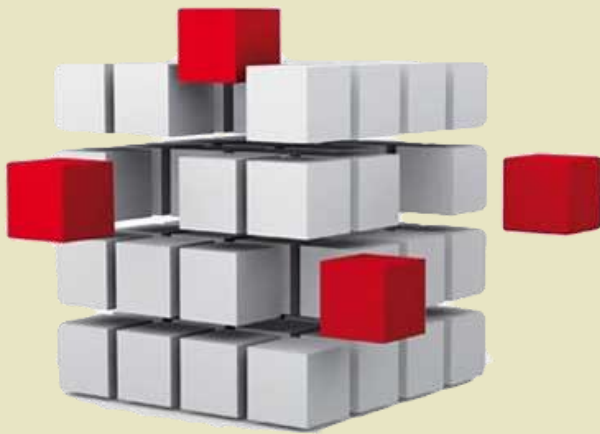
Advised By Professor LUO Qiong



Introduction

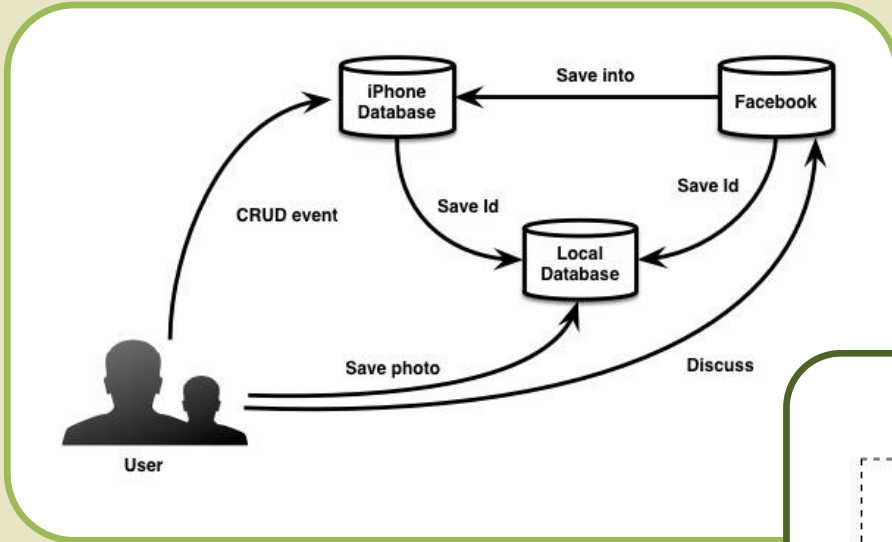
With the fast growing of smartphone, Calendar app is going to replace the traditional calendar's standing. Our app not only provides a basic calendar to user, but also provides other features to easy users.

- ❖ Develop an iPhone app that records personal events, handles conflicting events and correlates data from iCalendar.
- ❖ Enable easy ways to input personal events for better management.
- ❖ Provide post event record management. (i.e. user photos and comments)

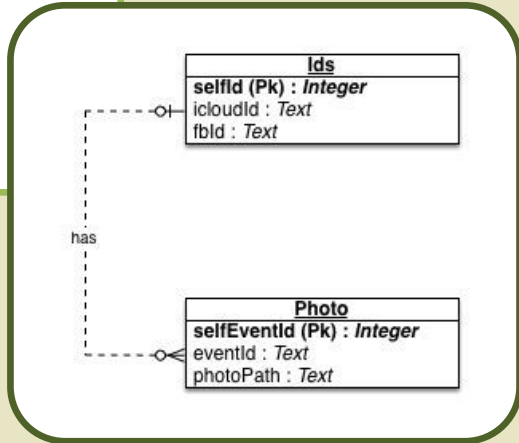


Key Features

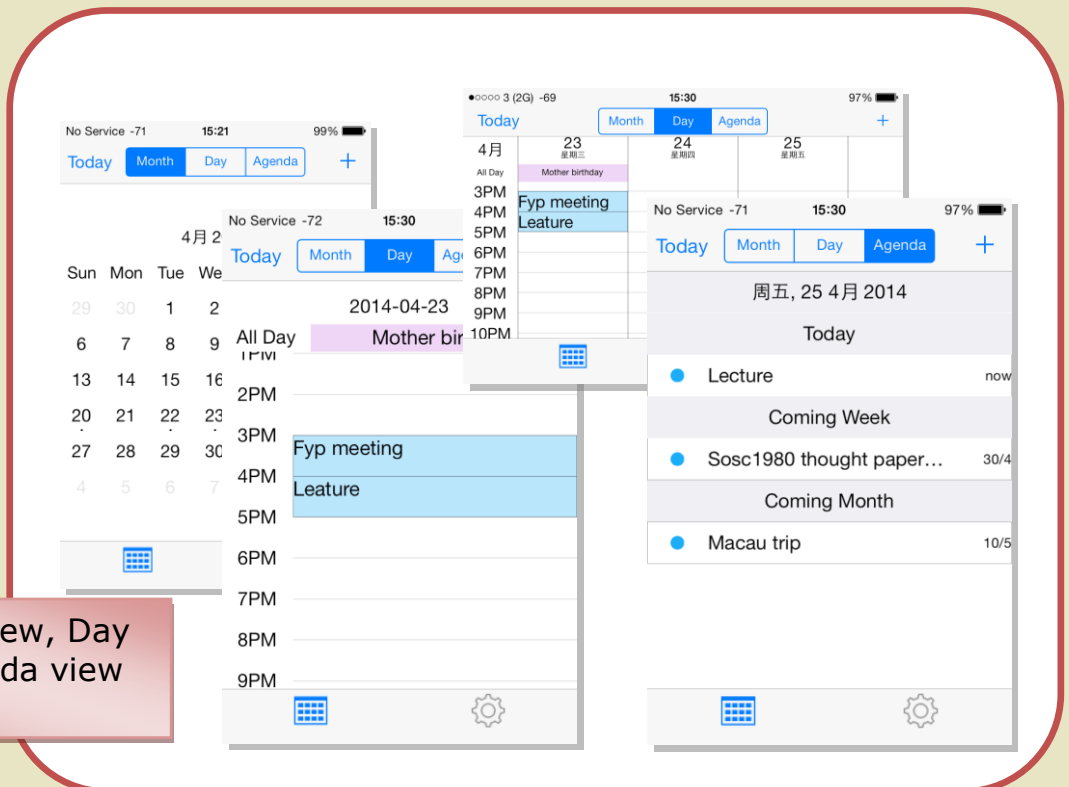
- ✓ **OCR recognition**
User can **create event from poster**, using the technology of OCR to recognize the event details from photo.
- ✓ **One line input**
It is to **create event from one line note**, the app can understand the note by recognizing regular expression to automatically fill in event details.
- ✓ **Communication**
User can create and **discuss event with friends** after logging in their Facebook account.
- ✓ **Photo management**
Each event can also attach **event photos as record** for review.



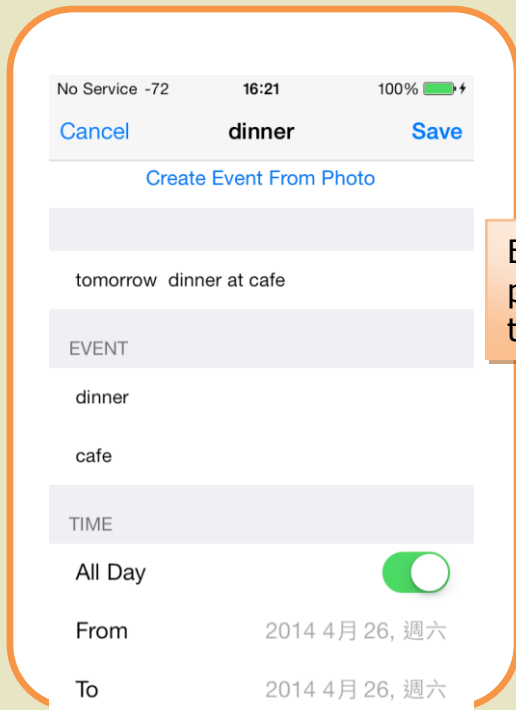
Data flow and database
 We mainly store data in iPhone Database and Facebook, and use local database to record all relationship. For security reason, photo would only save and review locally.



VIEW



Basic Month view, Day view and agenda view for calendar.

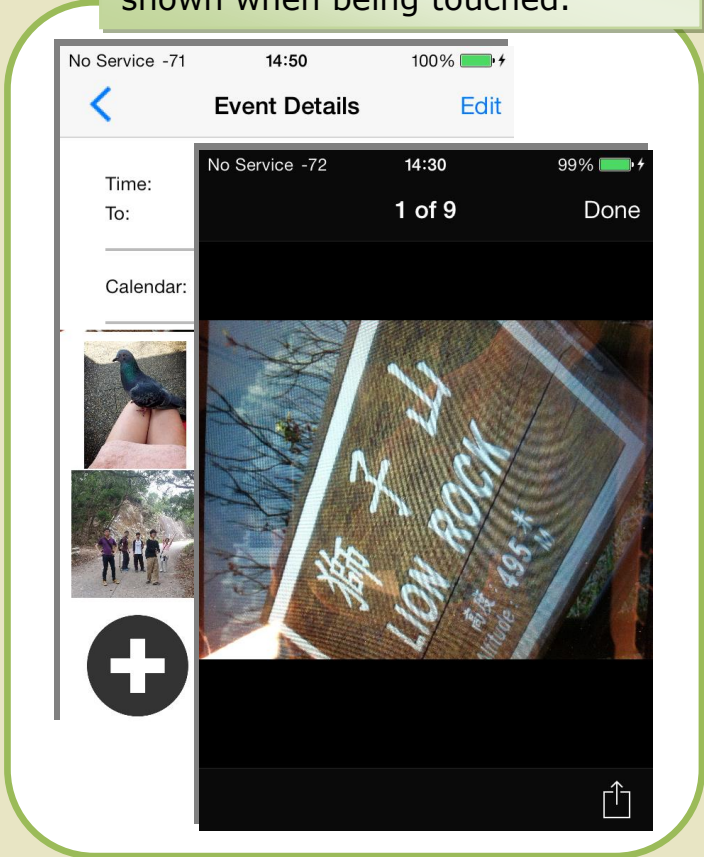


Either create event from a poster photo, a rush note, or the traditional user input.

After the event, User can press '+' button in event detail page to add event photos. Detail photo can be shown when being touched.



To discuss event, users can create post to discuss different aspect or comment to a same post to reach a conclusion.



Conclusion

We successfully implement the Event Capturer iPhone application, which provide convenient ways for event management and post-event handling. We faced a lot of difficulties, but we fixed most of them at the end. It is a rewarding experience to develop this iPhone application.

Recommendation

Since we learn iPhone app development from zero and time is limited. We can still think of many other features recommend to develop in the future. For example:

- Search function
- Different language support
- Personalize user interface