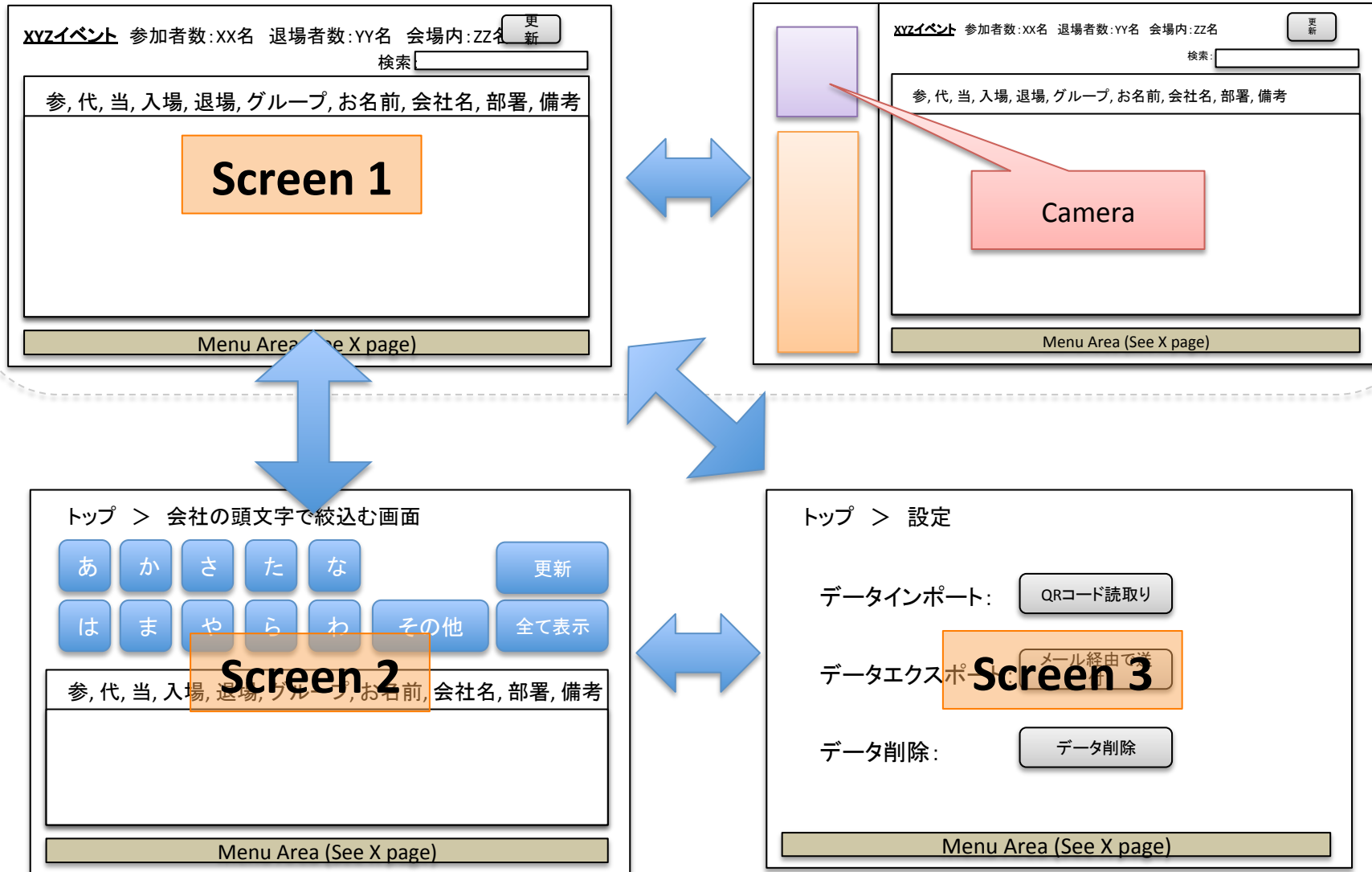


Feature List

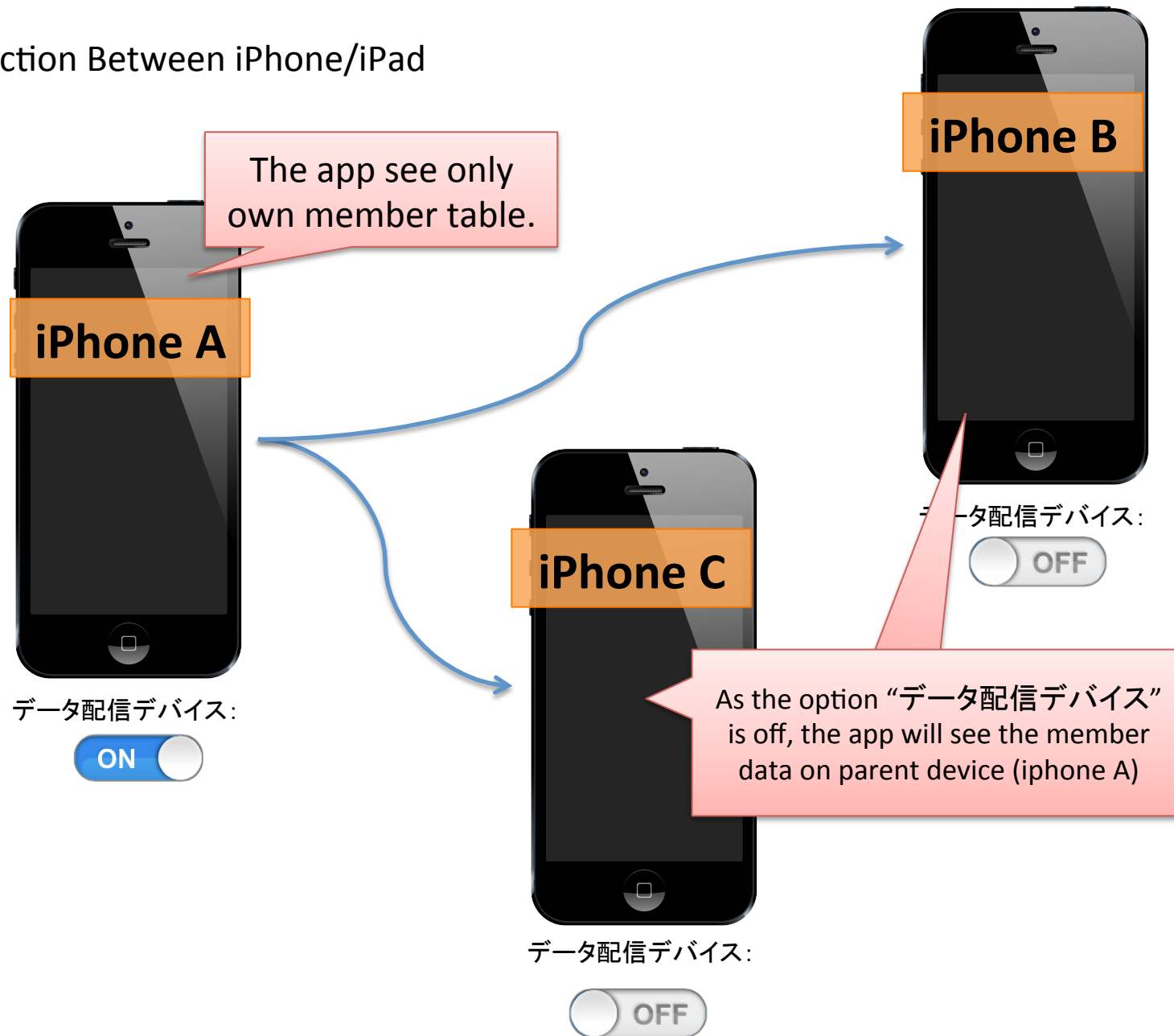
- The app has three screens.
- Shows the list of participants from member table (DB structure is shown in other file)
- Camera is ready to read when the camera pane is opened.
- QR code is given and when the camera reads it, then updates the entry time first. After 2nd scan, the app updates exit time only. (こういう対処により、受付の人が間違っても何度もQRコードを読んでしまっても、入場時間は変更されないし、また皆入場しているのに、何度も読んでしまった人は退場時刻にもその時間が出てきます。そうしますと、皆入場時刻しかないのにすぐ退場しているのはおかしいので、すぐに「何度もスキャンしてしまったんだ」ということに気づくことができます。)
- User can update user data on Screen 1
- User can search by keywords on Screen 1 and by capital letter on Screen 2.
- The app imports user data via CSV file.
- The app exports user data in CSV file format via mail.
- If other iphone/iPad are connected via bluetooth, then the child iphones get the member list from parent iphone/ipad. (For the initial version, user can not update the member data on child iphone, but reference only. I'd like to add update/delete communication in later release.)

Summary

These two are same screen. The camera will appear when user slide the left side of pane.



Connection Between iPhone/iPad



Note: If the communication cost is high to use "select" SQL from other device, please refer only updated data (changed data on parent device), retrieve them and store to member table on own device.

Screen 1

- Show “Event Name” which is set at setting.
- Show the total number of entry and exit person. “会場内” will be equal to “XX-YY”.
- Update the info every 2min

Update participant num
information when user click

XYZイベント 参加者数:XX名 退場者数:YY名 会場内:ZZ名

更新

検索:

参, 代, 当, 入場, 退場, グループ, お名前, 会社名, 部署, 備考

- Update the grid every 2 min. If it is hard or grid blinks for update, is it possible to update the specific cell (three participant checkboxes, entry/exit time and 備考)
- User can update the participant status by tapping checkbox on “参/代/当” columns.

Grid

参... 参加者の略 (type:checkbox)

代 ... 代理参加者の略 (type: checkbox)

当 ... 当日参加者の略 (type: checkbox)

入場 ... Entry time

退場 ... Exit time

グループ、お名前、会社名、部署名、備考はtextbox

Menu Area (See X page)

XYZイベント 参加者数:XX名 退場者数:YY名 会場内:ZZ名

検索:

参	代	当	入場	退場	グループ	お名前	会社名	部署	備考

Menu Area (See X page)

↓ When user swipe the left edge to right at main page, the camera window appears. This means camera starts scan QR codes. When user close the camera windows, then scanning process will stop. For scanning process, please refer to page 10. The format of QR code is written on page 8.

- The windows shows camera. User can check if the camera is active or not
- This area shows the scan results. Receptionist checks if the scans is okay or not. The detail of this status will be shown in page 11.

XYZイベント 参加者数:XX名 退場者数:YY名 会場内:ZZ名

検索:

参	代	当	入場	退場	グループ	お名前	会社名	部署	備考

Menu Area (See X page)

Screen 2

Refine search by Company's capital letter

- Blue buttons are the limit the search by company's capital letter. All words are in Japanese

トップ > 会社の頭文字で絞込む画面

あ	か	さ	た	な		更新
は	ま	や	ら	わ	その他	全て表示

参, 代, 当, 入場, 退場, グループ, お名前, 会社名, 部署, 備考

--

Menu Area (See X page)

- When user tap the blue button the search are performed and the results are shown in this grid area, which is same as the main grid on the first page.
- When user tap “全て表示”, please show the all results.
- Don't have to update the participant status automatically. User has to tap “更新” to see the current status

Screen 3

Setting Page

The screenshot shows the '設定' (Settings) page of an application. At the top, it says 'トップ > 設定'. Below this are four settings:

- データ配信デバイス:** A toggle switch is currently set to 'OFF'. A callout explains: 'If this option is "ON", the app use own member table, and if it is "OFF", then the app refer the member table in parent device via bluetooth. If the communication cost is high, please download the updated data to own table and refer to local member table. Default is "ON"'
- データインポート:** A button labeled 'QRコード読取り'. A callout explains: 'The app begins to read QR code. All initial participant data are stored in one QR code. (QR code format will be shown in page 8, "Data Import Process"'
- データエクスポート:** A button labeled 'メール経由で送付'. A callout explains: 'All data export to csv (or text) file and it will be attached to the mail and send it to sakai@chesterford.jp automatically. (the recipient address can not be changed. This is for security reason.)'
- データ削除:** A button labeled 'データ削除'. A callout explains: 'Before deleting the table data, the alert will show when user doesn't export data. All participant data will be cleared.'

At the bottom of the settings area is a bar labeled 'Menu Area (See X...e)'.

- Data Import Process

1. This app imports CSV data, based on the following format:

- * QR code format

The format consists “event code (3 digits)” and “participant number (4 digitis)”. And these combination should be unique for each event. For normal participants, the qrcode will be “XXX-YYYY”, for substitution participants are “XXX-DYYYY” and for participants on the day (当日参加) are “XXX-TYYY”. (YYY is numerical and XXX is alphabetical) Those qrcodes are given.

For example, if the event code is “PCD”, the participants are “PCD-0001, PCD-0002, PCD-0003, ...”, for substitution participants are “PCD-D001, PCD-D002, PCD-D003, ...” and for participants on the day are “PCD-T001, PCD-T002, ...”. We don’t know how many participants will be substitutions and the number of participants on the day, so we set at 10 participants for substitution and participants on the day (ie. PCD-D001, ... PCD-D010, and PCD-T001 ... PCD-T010)

- * CSV Data Format

QR Code, flag of substitution, Group Name, Company Name, Capital letter of Company, Department Name, Name

- * Data Example:

PCD-0001,1,Group A, Microsoft Corp, M, Hideki Oka
PCD-0002,0,Group A, Oracle, O, Taro Saito
PCD-0003,0,Group B, Oracle, O, Tarokichi Saito
PCD-0004,0,Group B, Oracle, O, Taro Sato
PCD-0005,0,Group D, Oracle, O, Taro Ishida
...

Note: “substitution” is “参加者の代理人”

- Data Export Process
 1. When user tap “メール経由で送信”, the app export the member table to CSV format
 2. The Exported CSV file will be attached to mail and the mail will be sent to sakai@chesterford.jp
 3. The first version can send one address (sakai@chesterford.jp) because of the security reason. We'd like to add more flexible export function on later release.
- Data Delete Process
 1. Delete all data on member table. Before deleting data, if user does not export data, the notification will appear before this delete process.

- Scanning Process
 1. When came is activated, the camera read any qr barcodes.
 2. The app reads specific format of QR code: “XXX-ZZZZ”
 3. When the app get qr code data, it will look for the QR code on the member table.
 4. If the name is found on the table, the qrcode, name and the company data will appear on summary table.
 5. Then update the Entry time, if it is empty. Otherwise, update exit time. The qrcode may be read more than twice. If so, the app will update the following process:
 1. 1st scan: update entry time (because the entry time is empty)
 2. 2nd scan: update exit time (because the entry time is already updated)
 3. After 3rd scan: update exit time
- By doing this, we can notify the duple scan easily.

Scanning Status

When app reads QR Code

On Load

待機中

OK

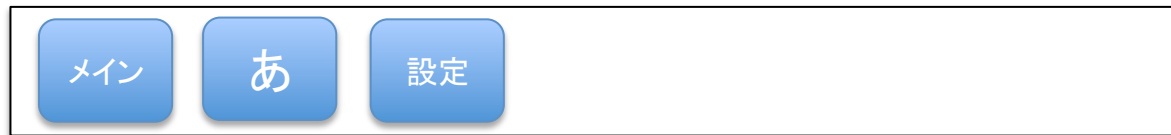
読取りOK
QR: XXXX
所属:XXXXX
名前:XXXXX
入場:XX:XX
退場:XX:XX

NG

読取りNG
QR: XXXX
該当IDが見つ
かりませんで
した

Menu Area

* Icon images are not ready.



メイン → Go to Screen 1

あ → Go to Screen 2

設定 → Go to Screen 3