**Proposal for Phase 1**

**1) With user’s permission, app should be able to collect location information.**

Reasons: Relying location data solely from Garmin might have too much information loss. (e.g. When user forgot to activate/deactivate widget.)

1. **Location data will be stored locally in user’s handphone.**Reasons: Data file’s size is really small. This can be deployed without building a server.
2. **Data will be send to an email periodically.**

Reasons: This can be deployed without building a server. Researcher can easily get access to these data by logging into the email account.

1. **User login ID & password will be stored locally in user’s handphone.**

Reasons: Each user login to one device only. Does not require server.

1. **On first login, user will be guided to add activity tag to a few places that they go frequently.**

Reasons: This give extra information to support light activity diary and reduce ambiguity for certain significant places with multiple labels.

**Proposal for Phase 2**

1. **“Light” activity diary is recorded by Widget’s Activation’s Splits.**

Reasons: To reduce the number of records required from users, we only

1. **Labels of significant places will be provided as a seperated table and stores in researcher’s database.**

Reasons: With longitude and latidude of user’s location, these labels can be easily added by merging these two tables in researchers PC. (e.g. if longitude is between -31.95 to -31.96 and latitude is between 115.86 to 115.87, add label “Shopping Mall”. )