Software Development for Mobile Devices
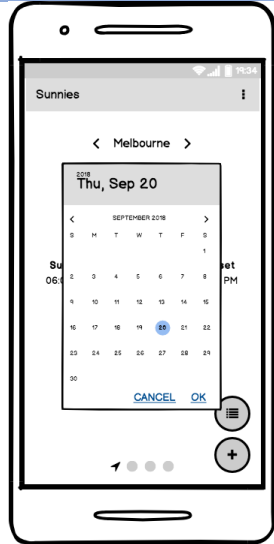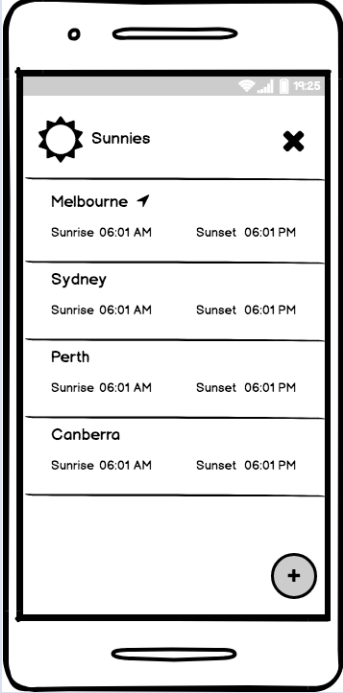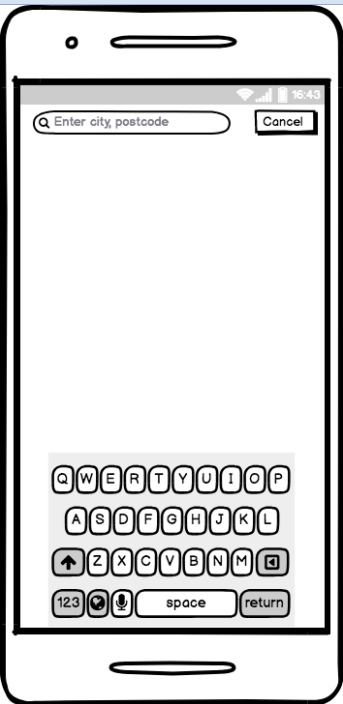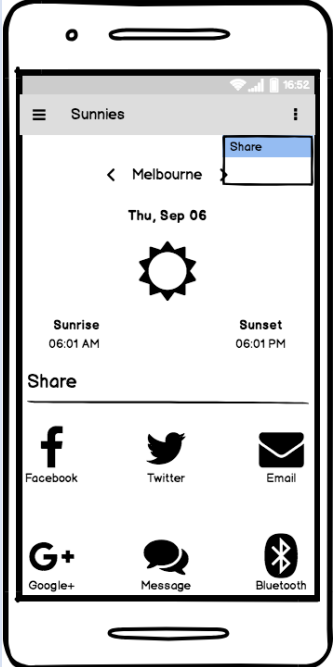
Submission for Assignment A7.1.1P

Design

Screen Name	Screen	Comment
Home-Screen		This is a home screen of the application. The idea of this is to allow the user to check sunrise and sunset time of a specific location based on their selected date. Users also are able to see other added locations by swiping right.
Home Screen – Add Date		This is a screen when user want to change a date to see a sunset and sunrise time. After selecting the title date, a date picker window will pop up to allow the user to select.

List Location-Screen		This screen includes a list of added locations so that users can see the sunrise and sunset time of multiple locations.
Add Location-Screen		This screen is used to add more location based on the city name or postal code of the region. The new location will be added to a list location.

Share-Screen		Users can share the sunrise and sunset time of specific location by clicking on the share button and then choose an appropriate application they want to share.

User Stories and Steps

1. As a tourist, Brad wants to know the sun set time in Wellington, NZ so that he can plan his flight times sufficiently.

- Home Screen -> Circle + Button -> Add Location Screen -> Find and choose Wellington, NZ -> Home Screen

2. As a religious, Sachin wants to know the generate the table of sun rise/set times for each of his destinations so that he can undertake religious while traveling in different locations.

- Home Screen -> Circle + Button -> Add Location Screen -> Find and choose Wellington, NZ -> Home Screen -> List Button -> List Location Screen
- List Location Screen -> Circle + Button -> Add Location Screen -> Find and choose Wellington, NZ -> List Location Screen

3. As a happy person, Li wants to know the run rise time on the beach tomorrow morning so that she can watch the sun rise.

- Home Screen -> Swipe to Sydney Region

4. As some campers, Justin and Marry want to find the sun rise/set times for their location based on GPS facility so that they can share them with other friends.

- Home Screen -> Share Button -> Select application to share with friends.