Homework #9 - Android App Exercise

Total points: **10**

Mobile UI (6 points):
Search Form (2 points)
- The initial activity with the input form and two buttons (clear and search) **(1 point)**
- Error Handling should be handled properly (**0.5 point).**
- Display of "Powered by:" Forecast icon and link to Forecast site. **(0.5 point)**
- About button with link to About Activity with Student details. **(MANDATORY)**

Results Activity (1.5 points)
- Current Weather image, summary line, temperature and min-max temperature **(1 point)**
- Current Weather details in a tabular format with scroll. **(0.5 point)**

Details Activity (2.5 points)
- Tab based view such that one tab highlights on selection and other fades and view is displayed accordingly. **(1 point)**
- Next 24 Hours Tab:
    - o   Time, icon and temperature display in tabular format. **(0.5 point)**
    - o   + button and next 24 hour display capability. **(0.5 point)**
- Next 7 Days Tab:
    - o   Day, date, icon, min temp and max temp proper display. **(0.5 point)**

Facebook (2.5 points):
- Basic Facebook Login mechanism, Dialog to post or Cancel **(1 point)**.
- Facebook news feed:
    - o   Showing the correct information on the wall including the thumbnail of image **(1 point)**.
    - o   Showing working link to the forecast site **(0.25 point)**.
    - o   A post success/failure message should be shown **(0.25 point)**.

AERIS Map (1.5 points):
- AERIS Map Display with radar satellite layer **(1.5 point)**. (If the radar satellite layer on map is not displayed 0.75 points deducted.)