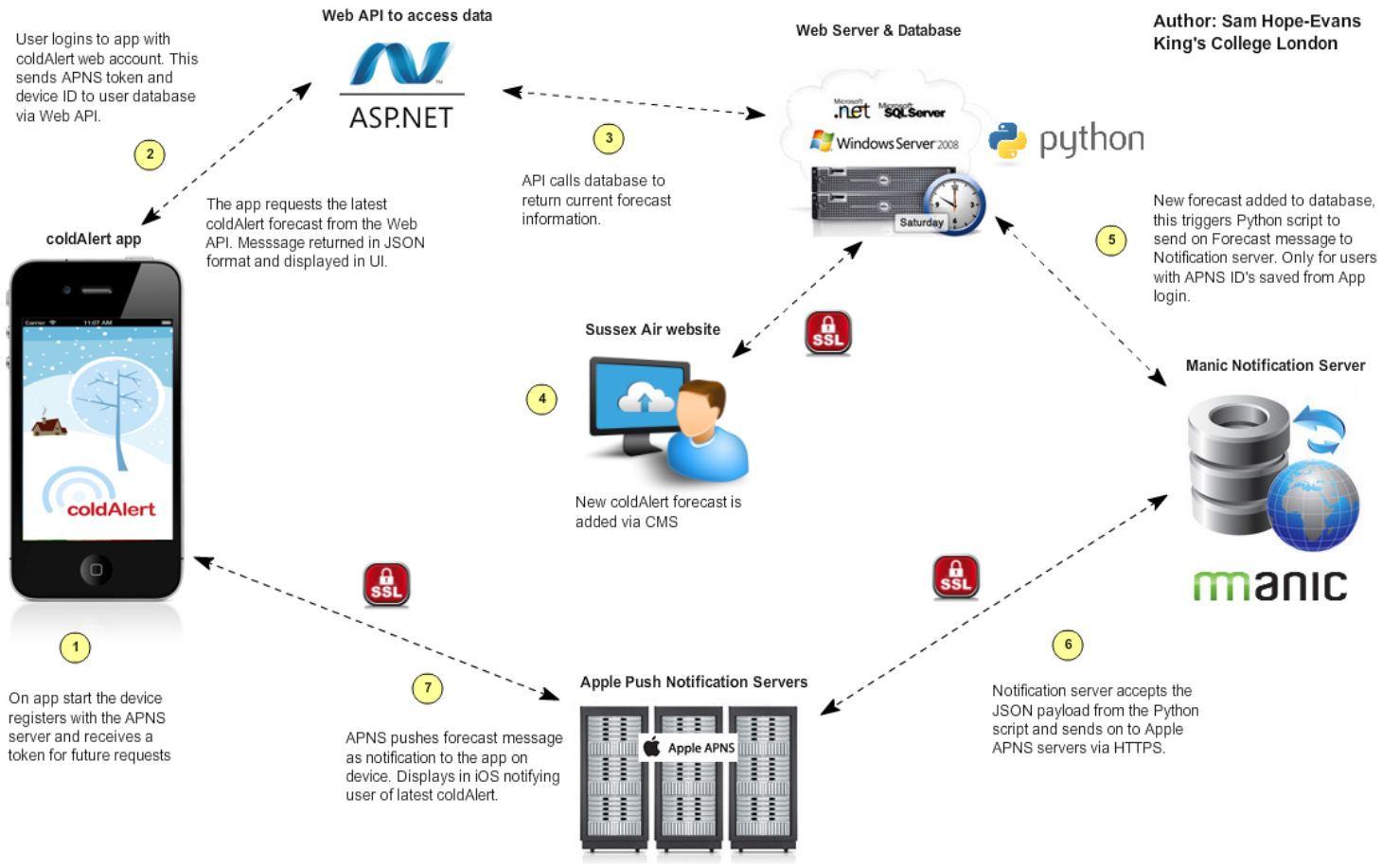
coldAlert iOS app architecture



Specifications - coldAlert iOS app architecture

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(1) :
On app start the device registers with the APNS server and receives a token for future requests

(2) :
The app requests the latest coldAlert forecast from the Web API. Messsage returned in JSON format and displayed in UI.
User logins to app with coldAlert web account. This sends APNS token and device ID to user database via Web API.

(3) :
API calls database to return current forecast information.

(4) :
New coldAlert forecast is added via CMS

(5) :
New forecast added to database, this triggers Python script to send on Forecast message to Notification server. Only for users with APNS ID's saved from App login.

(6) :
Notification server accepts the JSON payload from the Python script and sends on to Apple APNS servers via HTTPS.

(7) :
APNS pushes forecast message as notification to the app on device. Displays in iOS notifying user of latest coldAlert.