

Rubric:

Route w/ 3 searchable fields w/o login
Public home page which routes to
3 other pages
login/logout
It's own page

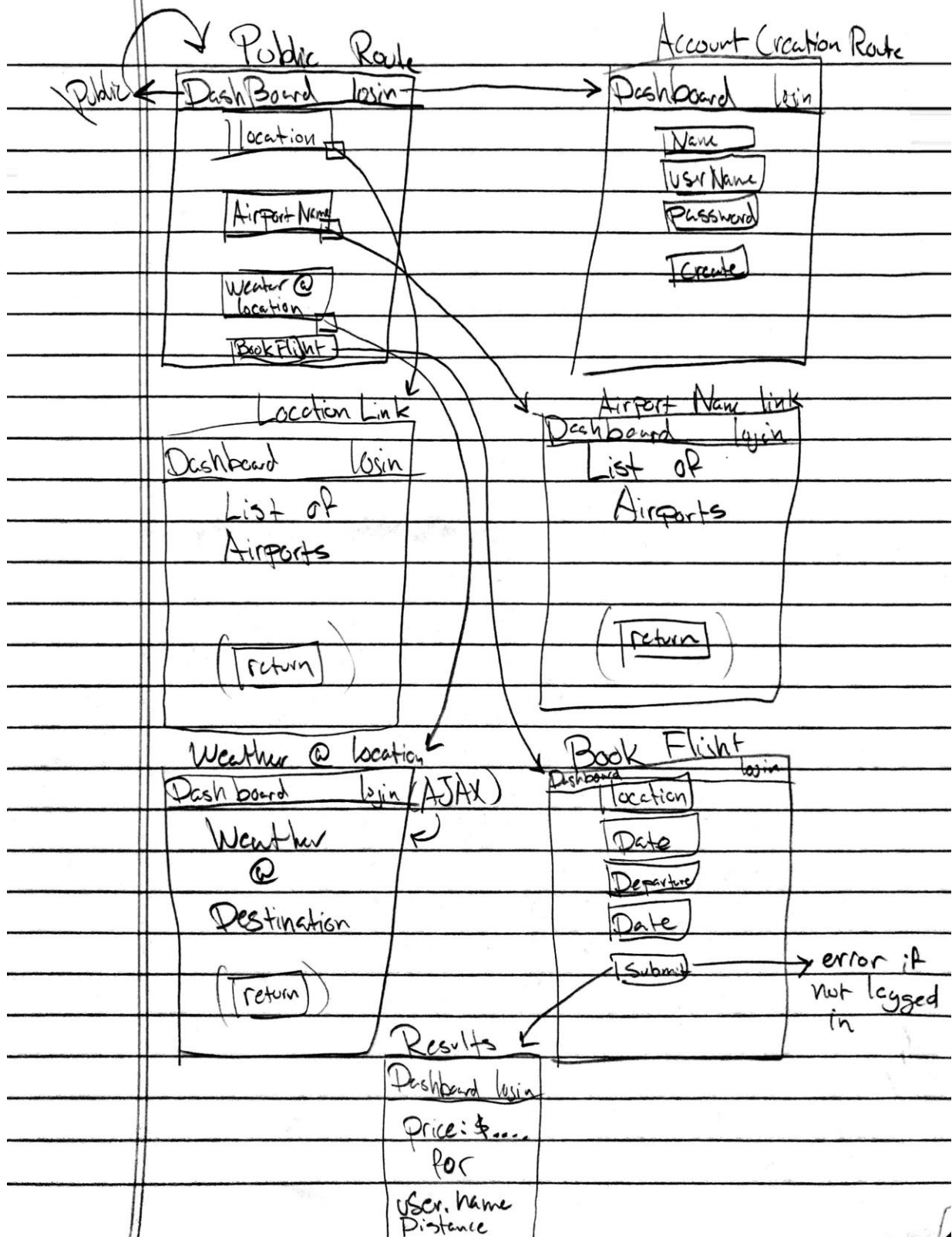
User creates/Edits/Deletes records
Create, Edit, Delete Account records

3rd Party API
Weather API for destination

AJAX For atleast 1 page (only AJAX)
Weather page only uses AJAX

3 Tables in DB (20 rows Each)
Account Info, Locations/Airports,
Prices

Front End



Tables:

Accounts

ID
Name
Username
Password
Owned

locations (using)

Code
Name
City Name
Country Name
lat
lon

Downloaded
with
Preset Data
Per 8,800
airports

Prices

Price ID
Date
Price

If date of arrival is
1/1 ~ 1/30

Price is \$0.10 x Distance

where distance is following formula:

$$d = R \cdot 2 \arcsin(\sqrt{\sin^2(dlat/2) + \cos(lat1) \cdot \cos(lat2) \cdot \sin^2(dlon/2)})$$

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