App user roles:
Growers
Researchers

App user roles:
Admin
Account-Admin
Agent-Admin

Views selected farm =>
selected block:
irrigation requirments or actual consumption
values

Views selected grower's
selected farm =>
selected block:
irrigation requirments or actual consumption
values

Client - React

get API calls to
[JSON/HTTPS]

Database

Server - Nestjs
Get block data using farm id sent from
client

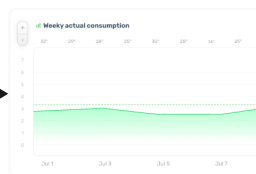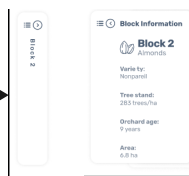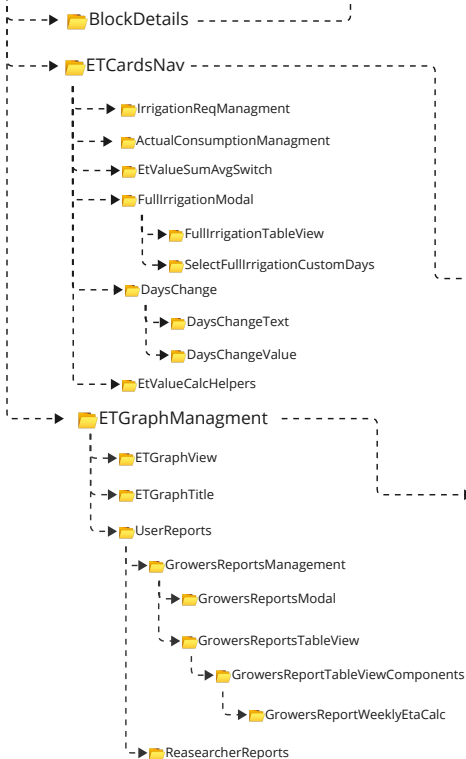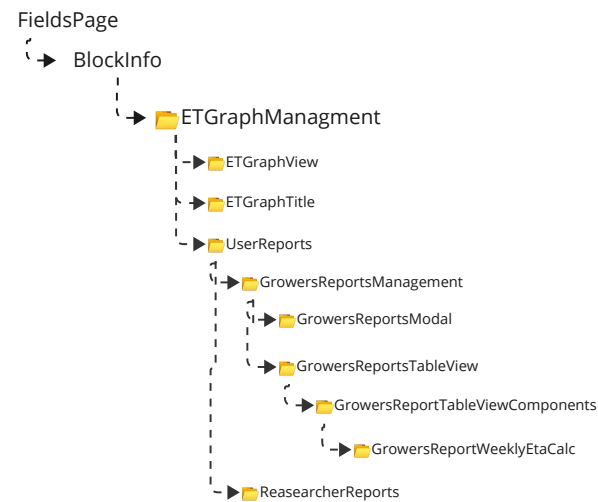**New feature in fields page - Irrigation req/Actual Consumption component structure**

Component Tree Structure

FieldsPage
- BlockInfo
  - BlockDetails
  - ETCardsNav
    - IrrigationReqManagment
    - ActualConsumptionManagment
    - EtValueSumAvgSwitch
    - FullIrrigationModal
      - FullIrrigationTableView
      - SelectFullIrrigationCustomDays
    - DaysChange
      - DaysChangeText
      - DaysChangeValue
    - EtValueCalcHelpers
  - ETGraphManagment
    - ETGraphView
    - ETGraphTitle
    - UserReports
      - GrowersReportsManagement
        - GrowersReportsModal
        - GrowersReportsTableView
          - GrowersReportTableViewComponents
            - GrowersReportWeeklyEtaCalc
      - ReasearcherReports

Block Information
Block 2
Almonds
Varie ty:
Nonpareil
Tree stand:
285 trees/ha
Orchard age:
9 years
Area:
6.8 ha

Irrigation requirement | Actual consumption

Sum | avg

< Next 1 day >

3.2 mm

Full Irrigation requirement

Weekly actual consumption

Jul 1   Jul 3   Jul 5   Jul 7

FieldsPage
  ↳ BlockInfo
      ↳ 📁 ETGraphManagment
          ↳ 📁 ETGraphView
          ↳ 📁 ETGraphTitle
          ↳ 📁 UserReports
              ↳ 📁 GrowersReportsManagement
                  ↳ 📁 GrowersReportsModal
                  ↳ 📁 GrowersReportsTableView
                      ↳ 📁 GrowersReportTableViewComponents
                          ↳ 📁 GrowersReportWeeklyEtaCalc
              ↳ 📁 ReasearcherReports

FieldsPage
For Graph - New API Call in useEffect FieldsPage -
passes data to component. Dependencies should be selected farm
and selected block.

For GrowerReports and ResearcherReports - Keep current settings

ETGraphManagment

make sure data passed from server matches
graph lib req

Component States:
zoomCounter
blockAge from block store
isNullTemp (defualt is false) - temp is shown
isDataNodeHover
isToday

Variables to send to child component:
Correct date format - Maybe helper component
temp as array?
dataNodeId's or idx?

array of Actual
Consumption Graph
Data

**Should we store some of
the data in store?
Otherwise every scroll by
user will initiate server api
call**

ReasearcherReports

GrowersReportsManagement

ETGraphTitle

ETGraphView

Scroll Listeners
Zoom button counter
onMouseEnter for hover state
Tooltip for which day as default?