ALGORITHM

Public User Operation

1. Voer Regulation:

Input: ver provider name, email, passurord

> Validate uses input

> check if the emoil is registered

> 29 not, incent weer data unto the in weer table

in the database > Nanigate to orginal page

2. Vour Login:

Input: user priorides email & pacemord

> volidate veer input

> check if the provided emoil of passenged match a

> If the match is found, allow accele the public dection

> If not be in the dame page

3. Fetch Railway (noting Retails

> purply the database to retire all railway covering details > rainplay the list of nailway meeting on the Frontend

4. Dieplay morning status

> For each nailway envising, check lite status > trippley the status along with enving details

5. Leanch Railway mornings Input: un presider a dranch query > Implement a deanch Function to query the database for enceing matching the seanch queny > auplay the evanch wently on Browner Mank crowing as favoriti Input: mer select a nailway crossing > Implement a mechanium to account a wer with tauonite encing > At down he manke or click at ahould alone in the natabout

> rightly the list of femorite if nelshe needed on browner

Admin/boursment user operation

1. Admin Login Input: Administrator puenides a predefined email of paumord > check if the previded medentials match the pudefined admin account > 41 matched, allow accese to the Organial dection y not be in the same page

2. Add Railway Golling I nput: Admin puenides craeing détails duch as name, addness, landmont, échédules person in change > (neste an HTML form to input crossing details > Implement a denuled to handle the form submission > Their the new moreing data into the railway-crossing table in the database Relite Railway moreing Enpert: Admin edicte a concering for deletion > Admin can now update or delete the list > He drave the previde corned tel to update dianch for apecific moving Input: Admin provider a deanch query > Implement a Leanch Function to query the datahare > Show the needt in the dame page trouver only Navigation Option > admin can awitch the another page; c he take can logared > along with this he can to to home page also