

NOSH NODES

**BASEL
HACK**



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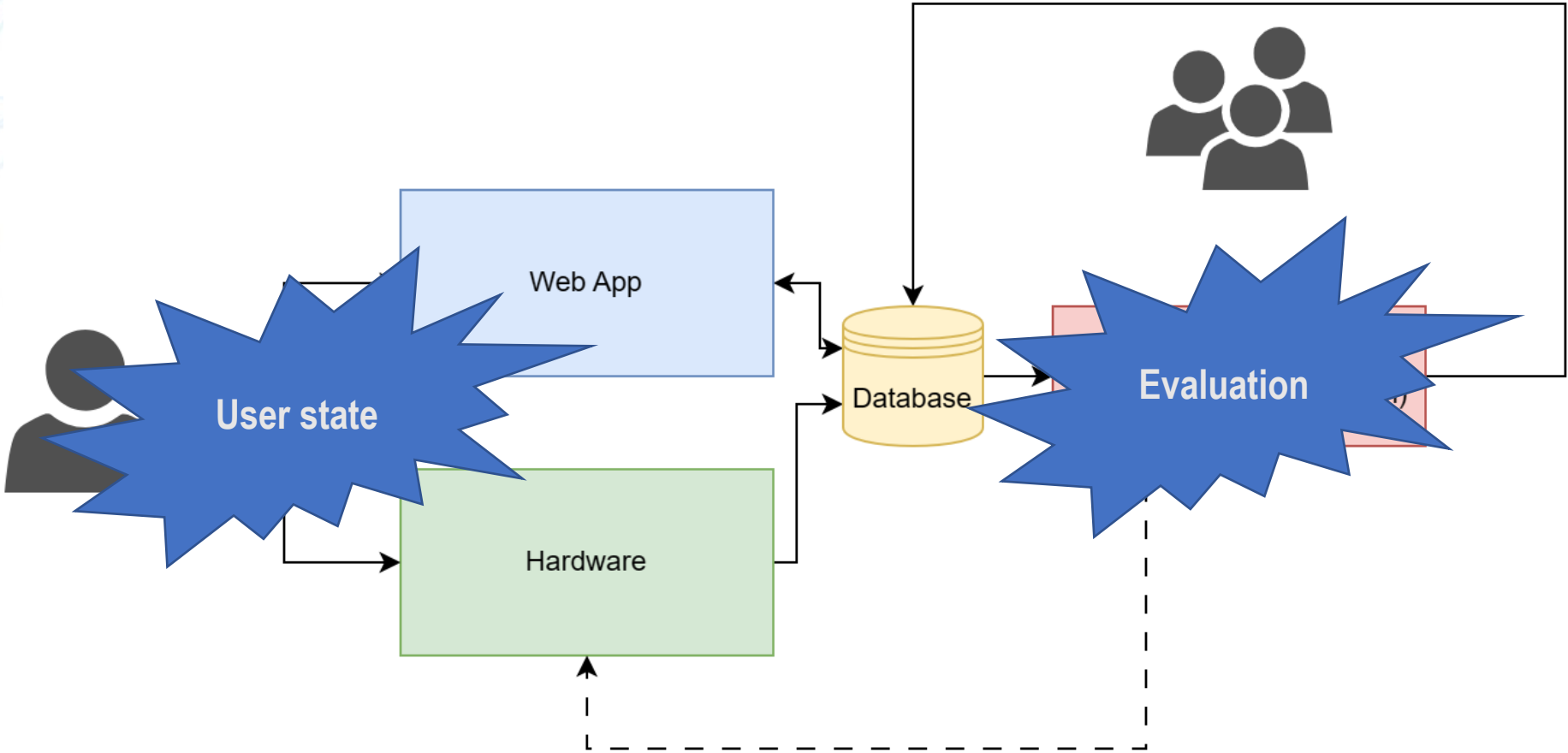


Why Nosh Nodes?

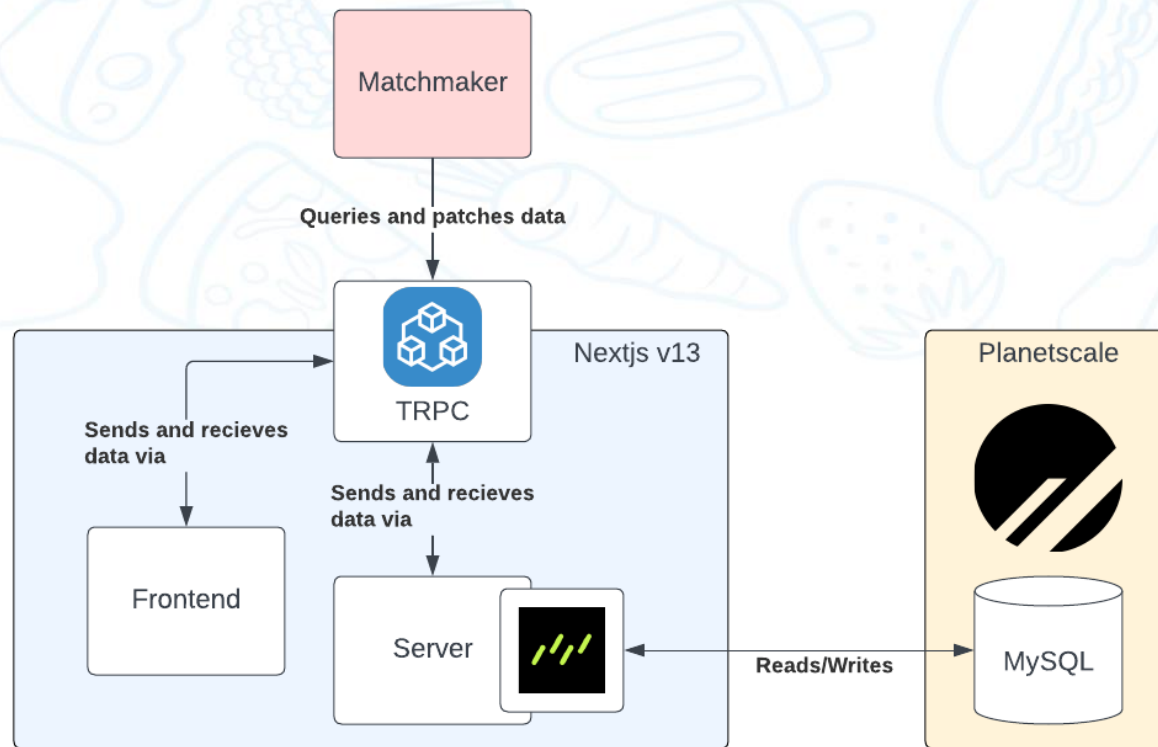
- Break locality driven lunch breaks
- Get a view out of the box
- Rest your heart and soul
- Find opportunities

→ Recommendation system for optimized matches

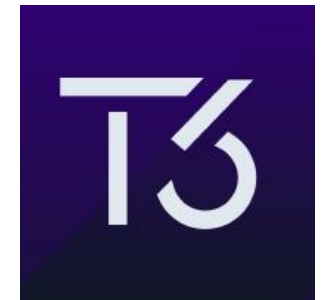
System Overview



Web application



- Clerk for user authentication
- TRPC as API Layer
- TailwindCSS for styling
- Shadcn/ui for premade interactive components
- Drizzle as ORM

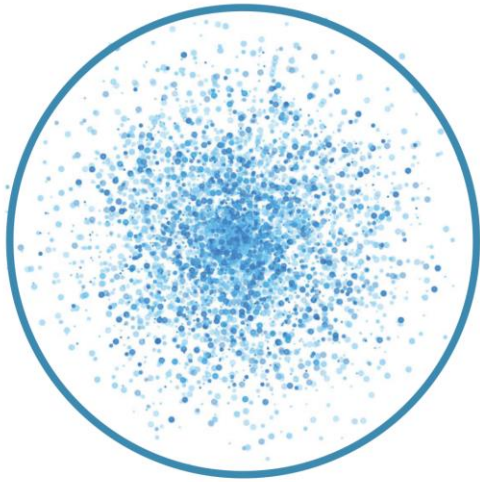




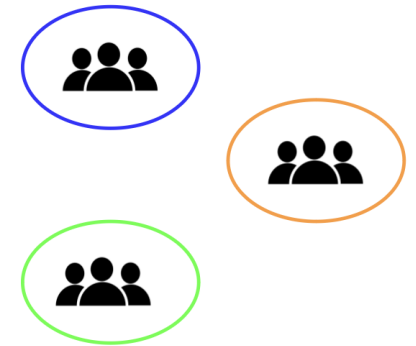
How to group?

- Employees provide information
- Ease conversations:
 - Find people with similar interests (sports, movies, etc.)
 - Create list of candidates
- Match emotional well-being
 - Social battery
 - Stress
 - Mood
- I feel lucky mode → Fully random

Match Maker



	0	1	2	3	4
0	1	0.560524	0.803411	0.856906	0.757778
1	0.560524	1	0.878114	0.570446	0.705685
2	0.803411	0.878114	1	0.838609	0.842523
3	0.856906	0.570446	0.838609	1	0.901441
4	0.757778	0.705685	0.842523	0.901441	1



People sign up for lunch and get in the match pool

Our recommendation system finds the perfect matches through **Cosine Similarity** and **Classification**

Enjoy your meal with your new dates!

Hardware

- Knobs to indicate wellbeing
 - Social battery
 - Stress
 - Mood
- Emergency Button
 - Ravenous hunger
 - Coffee breaks
- Microcontroller
 - Communicate with Rest API

