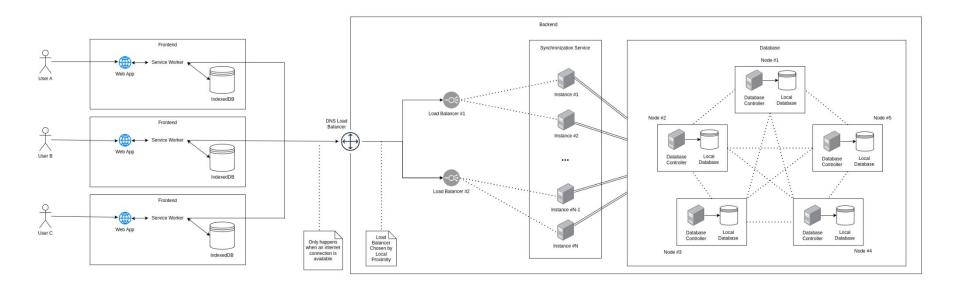
# Shopping Lists on the Cloud



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#### Architectural Overview





## Repository Structure

Frontend

TS

Sync Service

Database



### Communication between modules



#### CRDTS - Structure

 $\begin{cases} \{a,b,c\} \\ \{a,b\} \\ \{a,c\} \\ \{b,c\} \\ \{b\} \\ \{c\} \end{cases}$ 

- DotContext:
- AWSet(AWSetHelper):
- CCounter:
- EWFlag:
- AWORMap:



## CRDTS - Usage



## Conclusions and further work



## References

