

# Walk Boulder

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# Description

**WalkBoulder** is your smart companion for exploring Boulder's best trails. Using Google Maps API, it highlights scenic walking routes with user reviews, and detailed trail info. Share your adventures through built-in social media features, connect with fellow explorers, and discover hidden gems — all in one place.

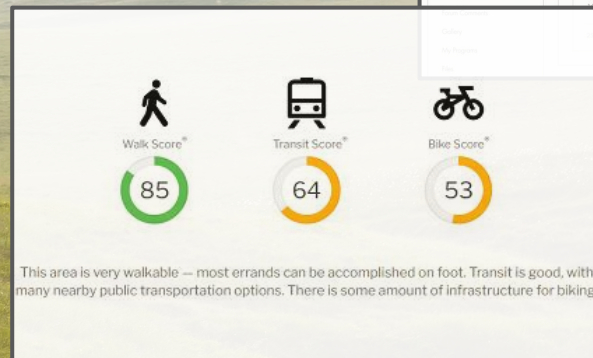
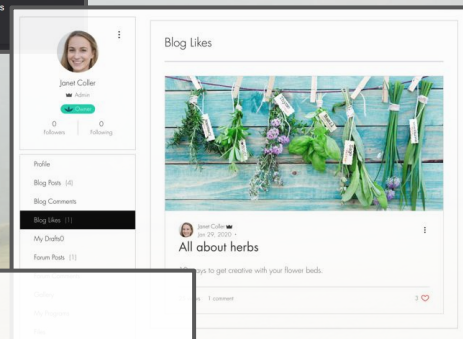
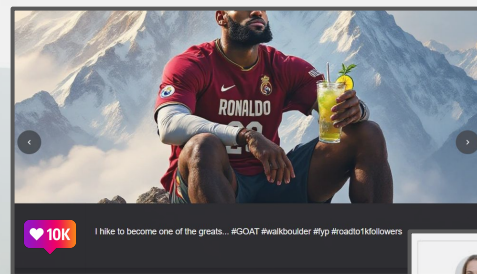
Whether you're a casual walker or a trail enthusiast, WalkBoulder makes every step social, and unforgettable.





# Future Scope

- Building an engaged community
  - Ways for people to grow a following through posts and reviews
  - Boosting certain posts based on likes
- Detailed walks
  - More information on maps through things like WalkScore
  - Incorporating reviews on map UI
  - Group walk implementation
- Far future
  - Integration with fitness apps to analyze performance
  - Machine learning based recommendations for trails



Tools

HTML



5

handlebars



5

CSS



2



5



5



2



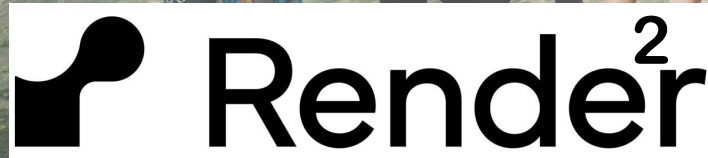
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4



2



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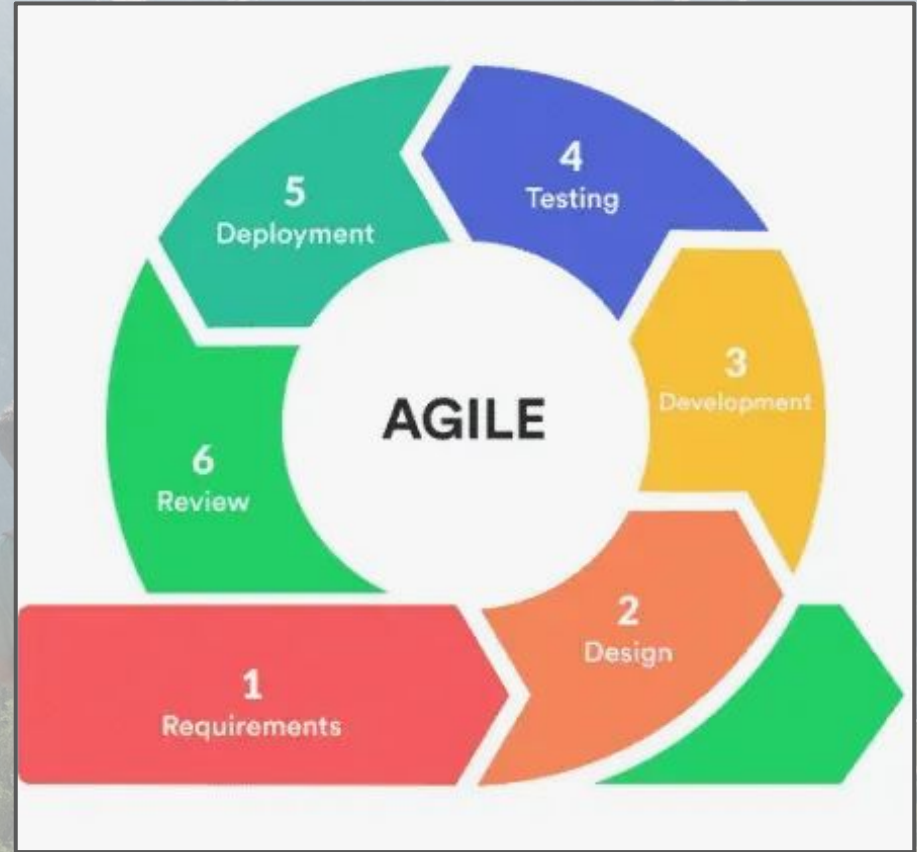


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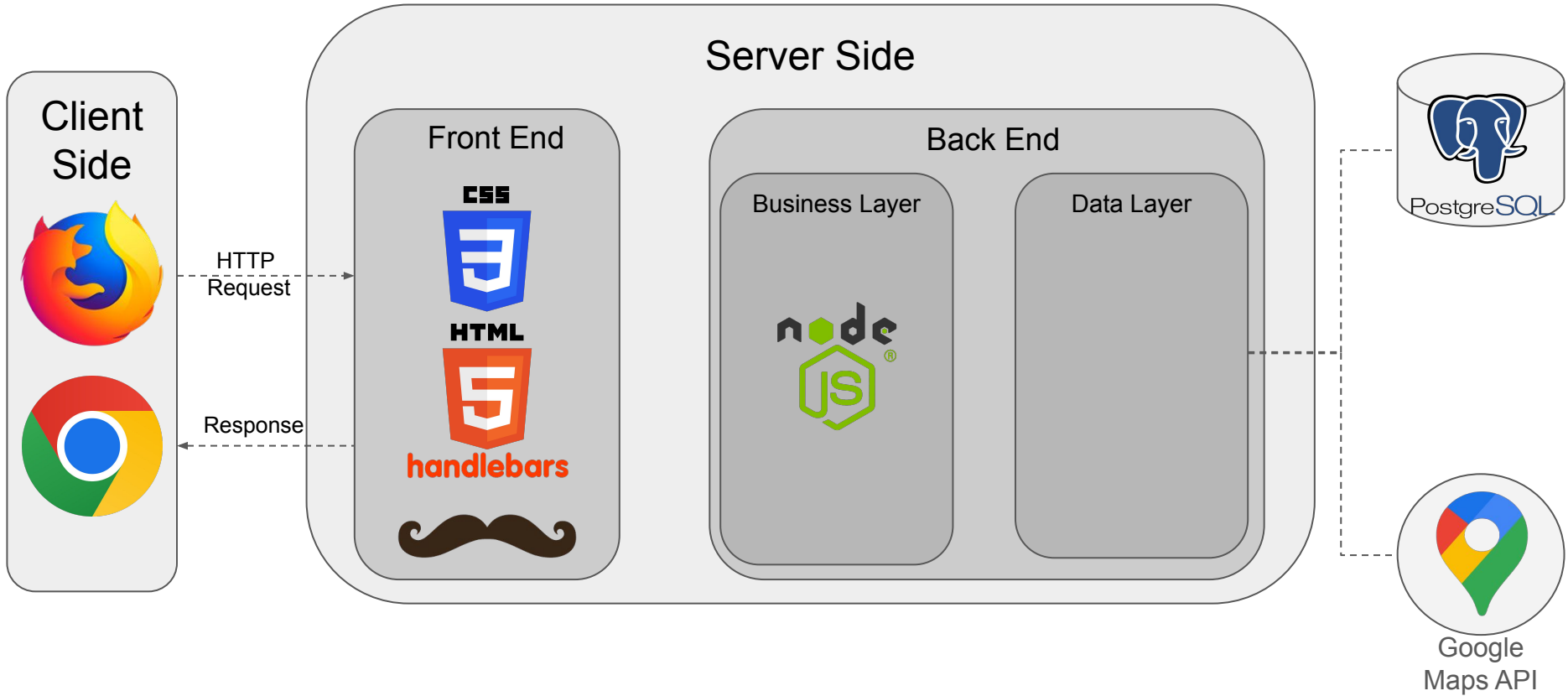


# Methodologies

- Agile
  - Website was developed flexibly with consistent communication and collaboration
  - Small, rapid cycles of work
  - Responding to change over following a plan
- Iterative
  - Features were added one after the other
- Github project board

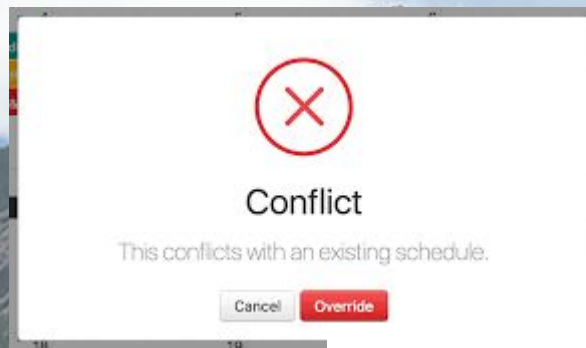


# Architecture Diagram

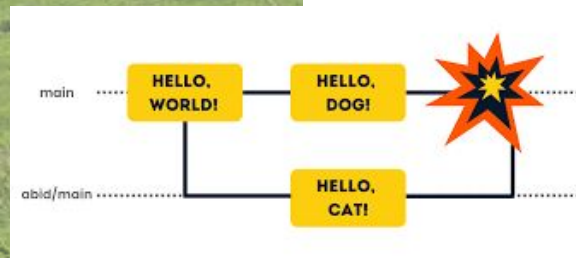


# Challenges

- Time
- Communications/schedules
- Implementing APIs
- Merge conflicts
- Finishing all functionalities
  - Group walk
  - Trail images



**Google Maps API**



# Video Demonstration

