

# Party-Queue

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A Social Party Playlist

# The Team

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# What is Party Queue?

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# How Did We Create it?

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# Summary of Tools



- VCS
- Project Tracker
- 5/5 star rating
- Git is a fantastic VCS



- Hosted backend server on Google App Engine
  - Endpoints API
  - 3.5/5 stars
    - Great for getting up and running
    - Hides complexities from the programmer
    - Code generation
    - Difficult to unit test
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## Testing



- Python unittest framework for server-side
  - Rating 4/5
  
  - Junit framework for client side
  - Rating 4/5
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A fully managed NoSQL-like data storage service that scales with your users.

- Google Datastore
  - Rating 5/5 stars
    - Very easy to use
    - Great testing environment available
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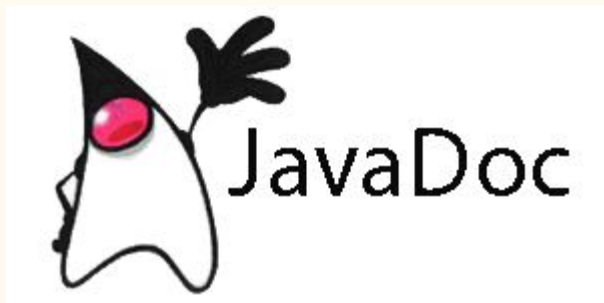


Powered by IntelliJ Platform

- IDE for Frontend development
- Rating 4/5



- Text editor used for writing backend code.
- Rating 5/5 stars
  - Very efficient
  - Fast
  - No frills
  - Highly customizable



- Auto-documenter for Client Side code
- Rating 3.5/5

# Development Methodology

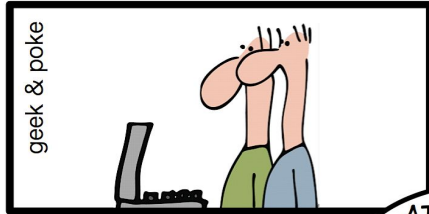
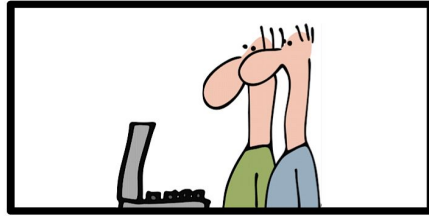


- Employed (Pseudo) Agile development process
- Weekly standups
- No customers (....yet)
- Month-long sprints



- Often used pair programming after weekly standups
  - Helped our team develop a common level of code-base competency
  - Especially helpful in debugging/easing the pain of environment setup
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# HOW TO MAKE A GOOD CODE REVIEW



*RULE 1: TRY TO FIND  
AT LEAST SOMETHING  
POSITIVE*

- Code review used on every new piece of code.



# Challenges

- No team experience with GAE
- No team experience with Android/Android Studio
- Limited experience with Python & Java
- Overcame these challenges through persistence
- Final product is not as feature-laden as we had planned



# Demo!!

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