AWS vs Firebase

Pros of AWS:

- Testing functions is much easier
- The price is much better
- Much more services to offer
- As a whole, managing AWS and learning the ins and outs of it are much simpler and intuitive
- Much more flexible when it comes to choosing your operating system, language, etc
- Has proven to be reliable time and time again
- AWS has pretty much become the industry standard for cloud services
- Auto scaling
- Much more computing capacity compared to the competitors
- It's been in the market longer so it's had time to improve and become even better

Cons of AWS:

- The user interface could use some work
- Complicated billing
- It can be difficult to get support from an AWS representative because they mainly focus on enterprises and larger clients
- Lack of control over your environment

Pros of Firebase:

- Quick and easy setup
- Built-in auto scaling
- Can start for free until you reach 50 connections
- Very powerful API's for JavaScript
- Very focused on mobile applications
- Can use authentication services from Google, Facebook, etc
- Massive online community that can help when you need it
- Excellent customer support

Cons of Firebase:

- Hasn't been out as long so the documentation and reliability isn't up to par
- Very limited querying because of the NoSQL database

- No map reducing
- Lack of aggregation

Conclusion:

As a group, we personally believe that AWS would be the "playing it safe" approach to do this just because of how reliable and trusted it's become over the years. However, Firebase tends to be the better choice for people just starting out and then they eventually switch to AWS. It's ultimately your choice but we believe AWS is the better choice.