

Wyty Server Pricing

Technologies used:

- Firebase Authentication
- Firebase Firestore (for storing all data other than media)
- Firebase Cloud Storage (for storing media's uploaded by user)
- Firebase Cloud Functions (for backend machine learning)

❖ Authentication Pricing: \$0

❖ Firestore Pricing:

- Read Operations
 - Free Tier: 50K document reads/day
 - Then: \$0.06/100K document reads
- Write Operations
 - Free Tier: 20K document writes/day
 - Then: \$0.18/100K document writes
- Delete Operations
 - Free Tier: 20K document deletes/day
 - Then: \$0.02/100K document deletes
- Data Stored
 - Free Tier: 1GiB/day (1GiB = 1.07374GB)
 - Then: \$0.18 GiB/month
- Network Egress
 - Free Tier: 10 GiB/month
 - Then: \$0.01GiB/day

❖ Cloud Storage Pricing:

- Free: 5 GB
- Upload operations
 - Free Tier: 20K/day
 - Then: \$0.05/10K operation

❖ Cloud Functions

- Function call operations
 - Free Tier: 2M/month
 - Then: \$0.40/M
- CPU Usage:
 - Free: 400K/month
 - Then: varies according to cpu.
(<https://cloud.google.com/functions/pricing>)
- Storage:
 - Free Tier: 500MB
 - Then: \$0.10/GB/month

All the above listed operations will be executed in Wytty.
Will produce detailed pdf of an estimation of how much it will cost us after beta testing.

Anyways it is going to cost us a lot. Save money wherever you can however you can :)