Services	Cost of each feature	Total
DynamoDB	• Write Request Unit (WRU): Each WRU = 1 write operation for 1 item with size up to 1kB. 50 x 1024^2 / 1000000 x $1.25 = **$65.536** • Read Request Unit (RRU): Each RRU = 1 read operation for 1 item with size up to 4kB. 50 x 1024^2 / 1000000 / 4 x $0.25 = **$3.2768** • Data Storage (per month): 25 x 0 + 25 x $0.25 = **$6.25** • Data Transfer IN: **$0** • Data Transfer OUT (per month): **$0**	$65.536 + $3.2768 + $6.25 = **$75.0628**
Route 53	Assume all the media uploaded are images and each image's size is 150kB. • Hosted zone (per month): **$0.50** • Standard Queries (per month): 50 x 1024^2 / 150 / 1000000 x $0.40 = **$0.14**	$0.50 + $0.14 = **$0.64**
CloudFront	Assume the price in Australia is the average price. • Data Transfer Out (per month): $0.114 x 50 = **$5.7** • Assume that the average size of images uploaded to the website is 150kB, and all the media uploaded are images. Assume that each image will be associated with 3 HTTPS requests. The price for HTTPS requests will be up to: 50 x 1024^2 / 150 / 10000 x 3 x $0.0125 = **$1.31072**	Up to $5.7 + $1.31072= **$7.01072**

S3	• S3 Standard - Infrequent Access: $0.0125 x 50 = **$0.625** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 50 = **$4.5**	$0.625 + $4.5 = **$5.125**
Amplify	It's free for the first 12 months, so the cost here is **$0**.	**$0**
API Gateway	Assume all the media uploaded are images and each image's size is 150kB. • API Calls (per month): Up to: 50 x 1024^2 / 150 / 1000000 x $3.50 = **$1.2233**	**$1.2233**
SQS	Assume all the media uploaded are images and each image's size is 150kB. • FIFO Queues (per month): **$0** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 50 = **$4.5**	**$4.5**
Total		**$93.56**

Services	Cost of each feature	Total
DynamoDB	• Write Request Unit (WRU): Each WRU = 1 write operation for 1 item with size up to 1kB. 100 x 1024^2 / 1000000 x $1.25 = **$131.072** • Read Request Unit (RRU): Each RRU = 1 read operation for 1 item with size up to 4kB. 100 x 1024^2 / 1000000 / 4 x $0.25 = **6.5536** • Data Storage (per month): Up to now, the total of data is about: 50 x 6 + 100 = 400 GB. 25 x $0 + 375 x $0.25 = **$93.75** • Data Transfer IN: **$0** • Data Transfer OUT (per month): **$0**	$131.072 + $6.5536 + $93.75 = **$231.378**
Route 53	Assume all the media uploaded are images and each image's size is 150kB. • Hosted zone (per month): **$0.50** • Standard Queries (per month): 100 x 1024^2 / 150 / 1000000 x $0.40 = **$0.28**	$0.50 + $0.28 = **$0.78**

CloudFront	Assume the price in Australia is the average price. • Data Transfer Out (per month): $0.114 x 100 = **$11.4** • Assume that the average size of images uploaded to the website is 150kB, and all the media uploaded are images. Assume that each image will be associated with 3 HTTPS requests. The price for HTTPS requests will be up to: 100 x 1024^2 / 150 / 10000 x 3 x $0.0125 = **$2.62144**	Up to $11.4 + $2.62144 = **$14.02144**
S3	• S3 Standard - Infrequent Access: $0.0125 x (50 x 6 + 100) = **$5** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 100 = **$9**	$5 + $9 = **$14**
Amplify	It's free for the first 12 months, so the cost here is **$0**.	**$0**
API Gateway	Assume all the media uploaded are images and each image's size is 150kB. • API Calls (per month): Up to: 100 x 1024^2 / 150 / 1000000 x $3.50 = **$2.4466**	**$2.4466**
SQS	Assume all the media uploaded are images and each image's size is 150kB. • FIFO Queues (per month): **$0** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 100 = **$9**	**$9**
Lambda	Assume all the media uploaded are images and each image's size is 150kB; assume that each image is associated with 4 requests. • Requests: 100 x 1024^2 / 150 / 1000000 x 4 x $0.20 = **$0.56** • Memory: **$5.5**	$0.56 + $5.5 = **$6.06**
Total		**$277.69**

Services	Cost of each feature	Total
DynamoDB	• Write Request Unit (WRU): Each WRU = 1 write operation for 1 item with size up to 1kB. 200 x 1024^2 / 1000000 x $1.25 = **$262.144** • Read Request Unit (RRU): Each RRU = 1 read operation for 1 item with size up to 4kB. 200 x 1024^2 / 1000000 / 4 x $0.25 = **13.1072** • Data Storage (per month): Up to now, the total of data is about: 50 x 6 + 100 x 6 + 200 = 1100 GB. 25 x $0 + 1075 x $0.25 = **$268.75** • Data Transfer IN: **$0** • Data Transfer OUT (per month): **$0**	$262.144+ $13.1072 + $268.75 = **$544.0012**
Route 53	Assume all the media uploaded are images and each image's size is 150kB. • Hosted zone (per month): **$0.50** • Standard Queries (per month): 200 x 1024^2 / 150 / 1000000 x $0.40 = **$0.56**	$0.50 + $0.56 = **$1.06**
CloudFront	Assume the price in Australia is the average price. • Data Transfer Out (per month): $0.114 x 200 = **$22.8** • Assume that the average size of images uploaded to the website is 150kB, and all the media uploaded are images. Assume that each image will be associated with 3 HTTPS requests. The price for HTTPS requests will be up to: 200 x 1024^2 / 150 / 10000 x 3 x $0.0125 = **$5.24288**	Up to $22.8 + $5.24288 = **$28.04288**
S3	• S3 Standard - Infrequent Access: $0.0125 x (50 x 6 + 100 x 6 + 200) = **$13.75** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 200 = **$18**	$13.75 + $18 = **$31.75**
Amplify	Assume web app size = 100MB, average size of page requested = 1.5 MB Assume that average build time = 3 minutes each day. Assume that daily active users = 10000. • Build & Deploy: 3 x 30 x 0.01 = **$0.9** • Data storage: 100 / 1024 x $0.023 = $0.00225 • Data Transfer Out: 10000 x (1.5 / 1024) x 30 x $0.15 = **$65.918**	$0.9 + $65.918 = **$66.818**
API Gateway	Assume all the media uploaded are images and each image's size is 150kB. • API Calls (per month): Up to: 200 x 1024^2 / 150 / 1000000 x $3.50 = **$4.8932**	**$4.8932**
SQS	Assume all the media uploaded are images and each image's size is 150kB. • FIFO Queues (per month): **$0** • Data Transfer IN: **$0** • Data Transfer OUT (per month): $0.09 x 200 = **$18**	**$18**

Lambda	Assume all the media uploaded are images and each image's size is 150kB; assume that each image is associated with 4 requests. • Requests: 200 x 1024^2 / 150 / 1000000 x 4 x \$0.20 = **\$1.12** • Memory: **\$5.5**	\$1.12 + \$5.5 = **\$6.62**
Total		**\$701.185**