Architect scalable e-commerce web app

The e-commerce website includes simple order processing workflows with the help of Azure services. Using Azure Functions and Web Apps, developers can focus on building personalized experiences and let Azure take care of the infrastructure.

1. User accesses the web app in browser and signs in.
2. Browser pulls static resources such as images from Azure Content Delivery Network.
3. User searches for products and queries SQL database.
5. Web app pulls product images from Blob Storage.
7. User submits order and order is placed in the queue.
8. Azure Functions processes order payment.
9. Azure Functions makes payment to third party and records payment in SQL database.

Products

- Web App
- Functions
- Blob Storage
- SQL Database
- Multi-Factor Authentication
- Queue Storage
- Redis Cache
- CDN
- Application Insights