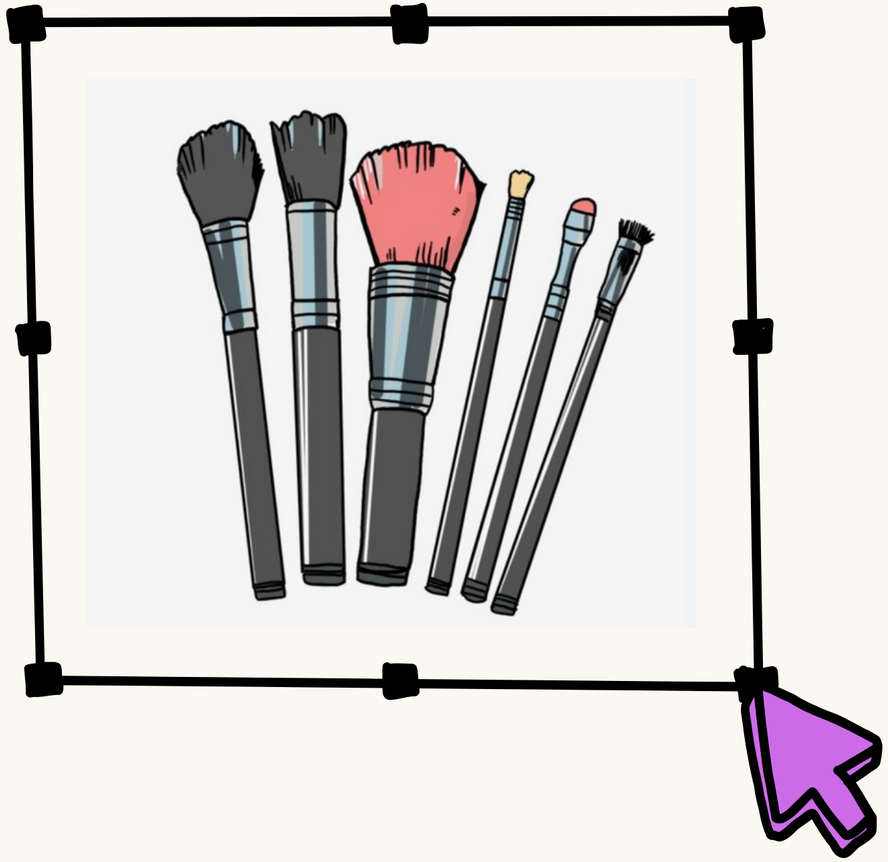
Glow-Getter

Talia Berler, Nimmi Suri, Aaliyah Brown



Concept Pitch

We propose to develop a web-based application that allows cosmetic companies to monitor their brand's performance and gather customer feedback. The application will provide comprehensive insights into product reviews posted on social media platforms such as Reddit. Users (both companies and consumers) will have access to a search feature to explore different beauty brands and beauty products and view detailed feedback.

OUR PLAN

We will use tools such as Python, SQL, PRAW (webscraping tool from reddit), VADER, CSS, and Figma

The application will be launched with a marketing campaign targeting makeup companies in need of brand monitoring tools and consumers seeking detailed product feedback.

User feedback will be collected and analyzed to make necessary improvements and enhancements.

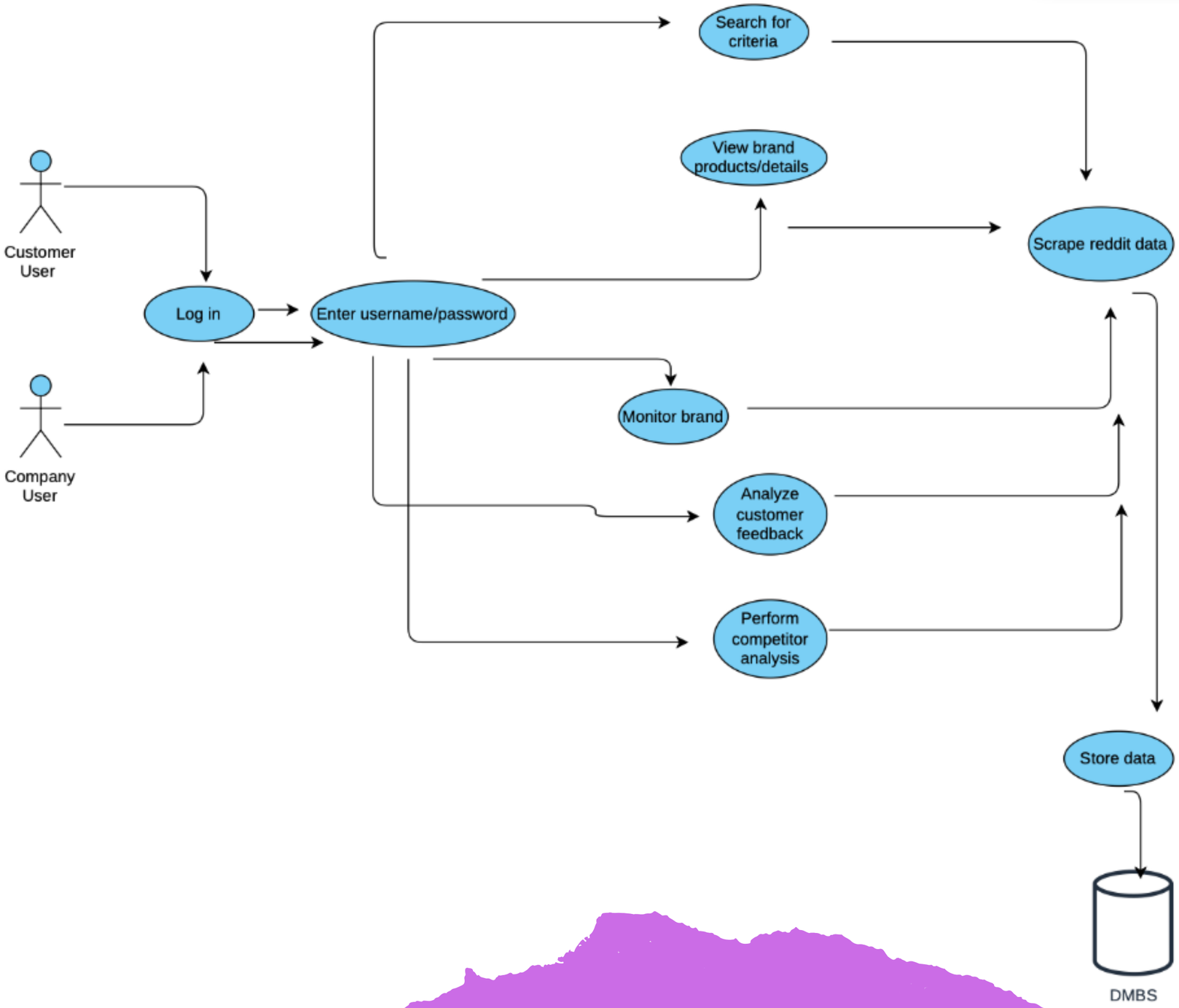
Functional Requirements

1. User Search
2. Return Average Ratings
3. Sample of Reviews
4. Ratio of Positive Vs Negative Reviews
5. Reddit
6. Natural Language Processing

Non-Functional Requirements

1. Results Time
2. Gauge time
3. Photo Reviews
4. Third-party app integration
5. Defined milestones
6. Device compatibility
7. Storage space management

Use Case Diagram



SYSTEM CONSTRAINTS

TOOL
DATABASE MANAGEMENT
WEB SCRAPING

NETWORK
INTERNET ACCESS

MISCELLANEOUS
USER PRIVACY & DATA PROTECTION
UX DESIGN CONSTRAINTS
BRAND IDENTITY & CONSISTENCY

LANGUAGE
FRONTEND UI
BACKEND FRAMEWORK

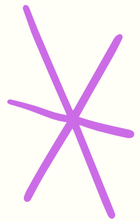
DEPLOYMENT
SEARCH FEATURE
SCALABILITY

PLATFORM
SYSTEM COMPATIBILITY
SEAMLESS API

TRANSITION & SUPPORT
DATA MIGRATION
EXISTING SYSTEM INTEGRATION

HARDWARE
SERVER COMPATIBILITY
MEMORY

BUDGET & SCHEDULE
THIRD PARTY DEPENDENCIES
QA & TESTING



Evolutionary Requirements

Functional

- MORE ADVANCED SEARCH FILTERS
- REAL-TIME MONITORING
- INTERACTIVE DATA VISUALIZATION

Non Functional

- REGULATORY COMPLIANCE
- SCALABILITY
- RELIABILITY