

# **System Request**

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## **Project Name**

Medifind: Web-based medicine database

## **Business Need**

Take advantage of the majority of people having access to the internet and smartphones.

Improve the current system in pharmacies (database).

## **Functionality**

MVP

- 1) Admin can create a Drug Description Page for Drugs (Including Multimedia content).
- 2) Users can search for a specific drug in the database.
- 3) Users can access the Drug Description Page by scanning a QR code.
- 4) Users can create accounts and save drug information

Additional Features

- 1) New User role: Pharmacy
- 2) Pharmacies can generate a QR code that leads to the Drug Description Page.
- 3) Pharmacies can generate QR codes including additional information such as the expiration date.
- 4) Pharmacy can Add Users to their database.
- 5) Users can compare similar drug products.

- 6) Users can scan pre-existing Barcode to access the product description page.

## Expected Values

### Tangible Values

#### 1) Collection of User Data

Collect user data on drug use.

Estimated 30 new users per month (for initial 3 months).

#### 2) Increased User

Increase users of pharmacies by 30%

#### 3) Increased User Retention

Increase returning users by 50%

#### 4) Ad Revenue (Additional Peripheral Revenue)

Utilize ad space to generate peripheral revenue.

Estimated \$11,554 revenue per year for (20,000 visits per month, three pages views per session)

### Intangible Values

- 1) Increase in User Satisfaction
- 2) Increase in User Experience
- 3) Decrease in Medication Error

## Special Issues & Constraints

- Data Sourcing
  - Medicine data should be open source and credible (ex. from the manufacturer's website)
- Time Constraint
  - Medifind Main Features should be up and running in the next 2 months
- Technical Constraints

- The system should be available 24 hours, 7 days a week. Maintenance would be done between 12:00 am to 3:00 am.
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