Requirements

1 Functional

1.1 System

1.1.1 System must be able to handle large amounts of bid requests at a time

1.1.2 System must include roles/access levels to distinguish between users and generate different interfaces

1.1.3 System must be able to register companies as specified role

1.1.4 Must be able to manage payments

1.1.5 Must be able to create auctioneer accounts

1.1.6 Must create a log of every bid

1.2 Seller

1.2.1 Seller must be able to add information about their fields to the system

1.2.2 Company administrator must be able to create employee accounts

1.2.3 Must be able to manage information about their stock

1.2.4 Must have access to only the auctions where their flowers are being sold

1.2.5 Must be able to specify minimum price of flowers

1.2.6 Should be able to provide the auctioneer with a growing planner

1.2.7 Should be able to receive payment from their flowers

1.3 Auctioneer

1.3.1 Should be able to access plans of flower purchases and harvests

1.3.2 Must be able to plan date of the auction and plan list of flowers/prices

1.3.3 Should be able to notify buyers and sellers of upcoming auctions

1.3.4 Should be able to manage auction

2 Non-functional

2.1 Simple, clear interfaces

2.2 Roles

## 2.2.1 Seller

-Admin- Manage farmers from their company

-Farmer- Manage fields

## 2.2.2 Auctioneer

-Can manage auctions

## 2.2.3 Master Admin

-Can manage accounts

## 2.2.4 Buyer

-Admin- Manage buyers from their company

-Buyer- Manage wish list and participate in auctions