1. Background

BuddyToys

BuddyToys is an online pet shop. We aim to offer everything needed for pet owners. Thus we will have many different categories with different data about them. It will sell its items from external sources. Delivering and payments also would be external.

1. Functional requirements

* The system will have authentication / authorization mechanism
* Provide sales and other important data to BI analyzer
* Users should be able to add items to card
* Users should be able to buy items
* Forum
* Users should be able to search clinics
* Users should be able to rate, comment and see info about clinics

1. Non-functional requirements

* The system should be able to scale for hundreds of concurrent users
* The database will grow by 300GB annually
* SLA: The system should be available as much as possible

1. Executive summary
2. Architecture overview
3. Module drill-down