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Context DIAGRAM

Contents

[1. What is a Context Diagram? 2](#_Toc481486966)

[2. Intent 2](#_Toc481486967)

[3. Structure 2](#_Toc481486968)

[4. Users, actors, roles etc 2](#_Toc481486969)

[5. IT systems 2](#_Toc481486970)

[6. Interactions 2](#_Toc481486971)

[7. Motivation 2](#_Toc481486972)

[8. Audience 2](#_Toc481486973)

[9. Example 2](#_Toc481486974)

[10. Context Diagram 3](#_Toc481486975)

## What is a Context Diagram?

Context Diagram is the starting point for diagramming and documenting software system and helps us to look at the big picture

## Intent

A Context diagram gives insights into

* The software system that we are building
* The users of the system being built
* How does it fit with the existing IT environment

## Structure

A simple block diagram showing the system as a box in the centre, surrounded by its users and other systems that it interfaces with.

## Users, actors, roles etc

The different types of users of system namely

* Business User
* Admin User etc.,

## IT systems

The other IT systems that need to be depicted in the environment is shown here.

## Interactions

It is useful to annotate the user -> system and system -> system interactions.

## Motivation

It makes the context explicit so that there are no assumptions.

It shows what is being added (from a high-level) to an existing IT environment.

It’s a high-level diagram that technical and non-technical people can use as a starting point for discussions. It provides a starting point for identifying who you potentially need to go and talk to as far as understanding inter-system interfaces is concerned.

## Audience

This diagram can be understood by both the technical and non-technical teams of the organization

## Example

We have a community of foodies who would like to review restaurants they have tried and share it with other interested members. FoodCounts.org is the platform perceived to bring such like-minded folks together.ASP.Net MVC 5 is the platform of choice to design and develop an application for this requirement. Given below are the functional requirements of the system.

* The on-boarded (registered) users must have the ability to add restaurants and add a review for the restaurant
* Authentication would only be required to add reviews and the added reviews of restaurants is for public view
* Have a Search feature to Search the restaurant
* Integration with maps to get the closest restaurant
* Integration with Calorie Watcher to get the calorie count of food items one would like to consume
* On-boarding of restaurant owners to add their restaurants and receive notification for the reviews given by users

## Context Diagram

Given below is the Context Diagram for the example above

