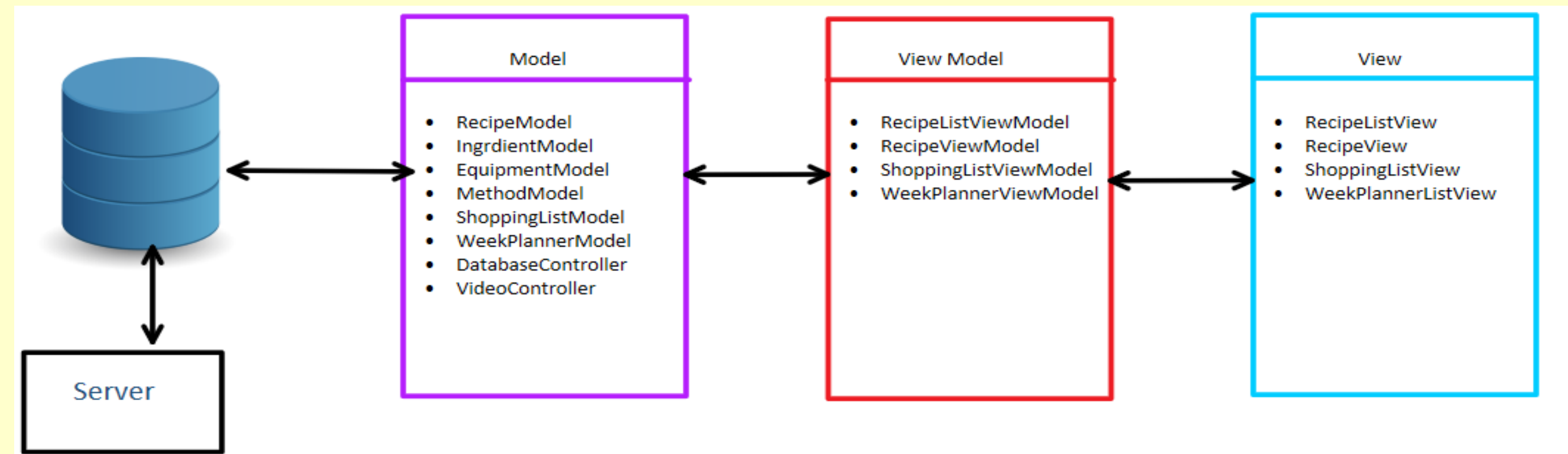


L-Plates

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Problem and Aim

Healthy cooking on a budget

- Obesity is a leading cause of health problems in Scotland
- One of the challenges, especially for low income groups, is being able to eat healthily within a limited budget.
- Many low income families have limited cooking facilities and often little knowledge of how to cook.
- The L-Plates application aims to support people changing from a diet based on cheap pre-packaged ready meals to meals cooked from scratch based on whole foods that are affordable, easy to obtain, seasonal and healthy.

What can we expect?

- **Directory of healthy recipes**
 - A searchable directory of affordable, healthy recipes available at the touch of a button.
- **Instructional videos**
 - Each recipe contains a video with step by step instructions making recipes easier to follow.
- **Ingredient calculator**
 - Calculates the quantity and cost of a meal based on the number of people.
- **Meal Planner and Shopping List**
 - Records what a user has in their cupboard and recommends recipes.
 - Displays ingredients and amounts in an orderly way making shopping more efficient.

How it works.

- Using Xamarin.Forms
 - Xamarin.Forms is a powerful cross-platform development tool that allows use of C# and the .NET framework to power iOS, Android and Windows apps using their native runtime environments.
 - Xamarin.forms uses a single C# code base that runs on all three devices. This allows for 96% of code reuse and easy updating in future development.
- Constraints
 - The app cannot use mobile data so it must download and update using wifi and store images and videos on the phone using compression.

