



LCD display for T9000

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# Food Management System Proposal

# Anna & Jenifer's cooking behavior



**Anna Kimberly** / Household Mom / 38 years old / Married and 2 kids

## Behavior

- She makes a plan for family food every day.
- She organizes all kinds of food in refrigerator.
- She really care about nutritions for the family.
- She goes to grocery market for every week.
- She wants to keep track of expiry date for every food.
- She sometimes feels tired to make a menu for every dinner time.
- She watches recipe from food blog a lots of time.

## Needs/Goals

- To make a menu schedule for the family from recommended recipe
- To be able to create shopping list without spending a lots of time
- Manage foods in refrigerator and grocery shopping lists
- Application which can suggests her family healthy recipes
- To avoid wastage by keeping track of expire dates
- To be able to track the expiry dates of fresh vegetables and daily products



**Jenifer Lindsey** / Working Mom / 36 years old / Married and 1 kid

## Behavior

- She is very tired when she is back from work.
- She wastes food a lot because it's over expire date.
- She often forget to buy some grocery items.
- She doesn't have time for the grocery shopping in weekday.
- She goes to grocery market for every two weeks.
- She feels difficult to manage food in refrigerator.
- She goes out for dinner with her family at least once a week.

## Needs/Goals

- To better manage foods in refrigerator for more visuals and graphics
- Help to make lower wastage for food in refrigerator
- To save time for the grocery shopping and make a list
- Simple, quick list making for planning and shopping efficiency
- Needs a delivery system for daily products for the family
- To find good & near restaurants for the family dinner menu

# Anna Kimberly

Household Mom/ 38 years old/ Married and 2 kids

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## Scenario 1.

She got a headache because she needs to cook for her family everyday. She is very careful about nutrition info for her kids and her husband is picky for some kinds of food. After she use “Food Planner” application, she can find menu easily from recommended food list. She can compare all nutrition information for each menu and she knows what she need for grocery list from recipe ingredients. Also, she saved menu for every week so family member will see menu from the device.

## Scenario 2.

Anna organize all kinds of food in refrigerator. In this morning, she is going to grocery market with her shopping list. She cook for every day so there are many food items and she is hard to take care of expire date for every food. She open “Food Manager” and track of expire date and what is almost run out. Also, she can decide tonight dinner menu with the items that close to expire. Now, she doesn’t have to spend a lots of time for making a shopping list.

## Scenario 3.

She enjoy to watch food blog for her family menu. She is very interested in every kinds of food and want to try some recipe for the family. She gets a lot of idea from food blog but sometimes she feels lazy to read all direction before she start to cook. She open “ Food network” and she can find favorite food program and recipe. Also, she can watch and listen the direction when she is cooking.

# Jenifer Lindsey

Working Mom/ 36 years old/ Married and 1 kid

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## Scenario 1.

She often find over expired food in refrigerator. To keep freshness and managing the food in the refrigerator is a challenge for her. Because she is too busy and even doesn't remember what's inside in refrigerator. After she got "Food Manager" application, she easily manage foods in refrigerator with more visuals and graphics. She can track of expire date and knows what she needs for shopping list. Nowadays, she makes lower wastage for food and she can save money for the food.

## Scenario 2.

Jenifer is busy working mom. Today she find out she needs to buy milk for her kid but it's hard to make a time for the grocery shopping tonight. She open "Online Grocery" and she look at the shopping lists and check what she needs for tomorrow. After that, she sent to order by that application. She'll get the food tomorrow morning. Now, she save a lots of time for grocery shopping and make her kid happy.

## Scenario 3.

She is back from her business trip and find out her family ate all the food she stored. There is no food in refrigerator and her family want to go out for dinner. But she is too tired to go out tonight so she decide to make a phone call to Pizza delivery. She open "grubHub" and she's looking for the menu for the family.

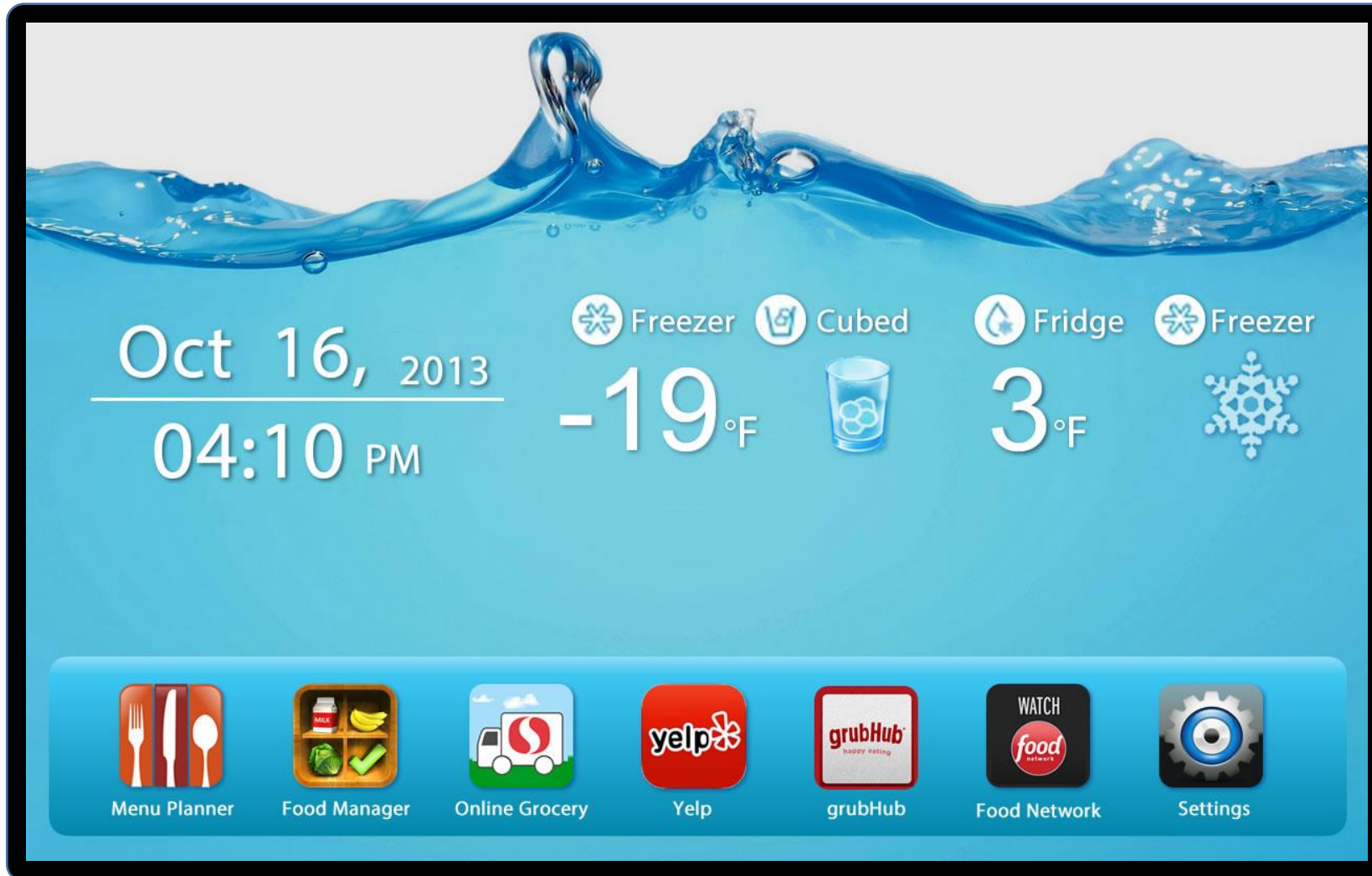
# Main LCD Display

Customize background, combination with stainless material, user-friendly icon arrangement



# Main LCD Display

Menu Planner, Food Manager, Online Grocery, Yelp, grubHub, Food Network, etc.



## Menu Planner

Make a menu schedule for the family from suggested recipe lists



## Food Manager

To help Mom to manage the food in refrigerator and track of expire date.



## Online Grocery

Order Grocery from online and book a delivery.



## Yelp

Find places to eat & drink and read the reviews.



## grubHub

Find your nearby delivery or pickup options from nearby restaurant network.



## Food Network

Save favorite recipes to your application and watch channel From online.

# Menu Planner

Create a schedule a weekly menu and suggest recipe for the family.



## With Menu Planner, you can:

- Make a menu schedule for the family from recommended recipe
- Import/manage recipes from all your favorite recipes sites
- Easily to create grocery lists by recipe ingredients
- Instantly sync your meal plans and groceries lists to other devices
- Save daily and weekly meal plans for later use
- Easily backup all your data to other device



## Weekly Meal Plan

(10/14/13 - 10/20/13)

Monday 10/14/13

Tuesday 10/15/13

Wednesday 10/16/13

Thursday 10/17/13

Friday 10/18/13

Saturday 10/19/13

Sunday 10/20/13

< See Previous Week

## What's for Dinner?

Recommended by Yahoo Cook

Sort by: Most popular



Broccoli & Apple Soup  
[See recipe>](#)



Chicken with Figs,  
Wine & Honey



Pasta Al Forno with  
Pumpkin and Pancetta



Northern Spy's Kale  
Salad



Savory Bread Pudding



Espresso Black Bean  
Chili



Cider-Braised Pork  
Shoulder



Toasted Almond and  
Coconut Quinoa

1-8 of 124







## Weekly Meal Plan

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Saturday 10/19/13

Sunday 10/20/13

< See Previous Week

## Pasta Al Forno with Pumpkin and Pancetta

Recommended by Yahoo Cook



### Directions

1. Heat the oven to 400 degrees. Halve the pumpkin and scoop out the seeds. Cut the pumpkin into 8 equal wedges and arrange on two baking sheets lined with foil. Sprinkle the wedges with salt and pepper and drizzle lightly with olive oil. Bake for about an hour, until the pumpkin is caramelized and tender when pierced with a sharp knife. Remove from the oven and let cool until you can handle the pumpkin without burning yourself.
2. In the meantime, crisp the pancetta in a medium saucepan over medium heat, about 10 minutes. Remove and drain on paper towels, discarding the fat.



Ready in: 25 mins  
 Preparation: 15 mins  
 Cooking: 10 mins  
 Serves/makes: 6 people

### Ingredients

- 200g plain chocolate (not too bitter, 50% or less)
- 100g frozen raspberries, defrosted or fresh raspberries
- 500g Greek yogurt
- 3 tbsp honey
- chocolate curls or sprinkles, for serving

### Nutritional info

Energy 320kcal  
 Protein 7g  
 Carbohydrates 33g  
 Added sugar 33g

# Food Manager

To help Mom to manage the food in refrigerator and track of expire date.



## With Food Manager, you can:

- Manage foods in refrigerator and grocery shopping lists
- Keep track the expiry dates of fresh vegetables and daily products
- Easy to organize foods in refrigerator
- Avoid wastage by keeping track of expire dates.
- Manage foods in refrigerator for more visuals and graphics
- Sync your grocery shopping list to other devices



## My Grocery List



### VEGETABLES



Lettuce



Onions Red



Tomatoes



### FRUITS



Bananas



Oranges



### DAILY



Milk & Eggs



Meats





Recipe by foods that close to expire



## Chicken with Broccoli, Wine & Honey



★★★★★  
20mins to prepare and 20mins  
Serves: 12

### Ingredients

2 medium garlic cloves, peeled and minced

1/4 cup extra virgin olive oil

1 can (28 oz) crushed tomatoes (we use Muir-Glen)

1/2 teaspoon dried basil

1/4 teaspoon dried oregano

1/4 teaspoon sugar



# Online Grocery

Order Grocery from online and book a delivery.



**With Online Grocery, you can:**

- Simple, quick list making for planning and shopping efficiency
- See nutrition info and ingredients from the lists
- Import your grocery lists from food manager app
- Sync your grocery shopping list to other devices
- Pick a delivery time for your convenience
- Book a delivery for daily food items



All



Bakery



Beverages



Breakfast & Cereal



Cleaning & Home



Dairy, Eggs & Cheese



Frozen Foods



Food Cupboard



Personal Care & Pharmacy



Others

Kleenex Unscented Toilet Tissue 6pk

TODAY **\$3<sup>48</sup>**

DOMT PAY \$4<sup>88</sup>\*

6 PACK

Finish Quantum Powerball 48pk

TODAY **\$11<sup>50</sup>**

DOMT PAY \$35<sup>04</sup>\*

48 TABS

Kellogg's Special K Berries 380g

TODAY **\$2<sup>99</sup>**

DOMT PAY \$5<sup>96</sup>\*

Nescafe Classic Instant Coffee 200g

TODAY **\$4<sup>97</sup>**

DOMT PAY \$11<sup>08</sup>\*

2x Rexona Womens Sexy Deodorant 150g

TODAY **\$7<sup>98</sup>**

DOMT PAY \$14<sup>30</sup>\*

2 x Kraft Crunchy Peanut Butter 375g

TODAY **\$5<sup>70</sup>**

DOMT PAY \$9<sup>74</sup>\*

2 x Cadbury Dairy Milk Rocky Road 200g

TODAY **\$4<sup>78</sup>**

DOMT PAY \$9<sup>96</sup>\*

Bertolli Extra Virgin Olive Oil 500ml

TODAY **\$2<sup>98</sup>**

DOMT PAY \$7<sup>04</sup>\*





All



Bakery



Beverages



Breakfast & Cereal



Cleaning & Home



Dairy, Eggs & Cheese



Frozen Foods



Food Cupboard



Personal Care & Pharmacy



Others

## Item Details

Apples Braeburn

Add



**\$0.36/each**  
approx 0.00 Lbs

- Gluten-Free
- Dairy-Free
- Egg-Free
- Peanut-Free

### Nutrition Facts

Serving Size 1 APPLE  
Servings Per Container 1

#### Amount Per Serving

Calories 65 Calories from Fat 1.9  
**% Daily Value\***

<b>Fat</b>	21g	32%
<b>Carbs</b>	10g	3%
<b>Protein</b>	2g	3%
Cholesterol	0g	
Sodium	174mg	7%

## Delivery Times



**Free Delivery**  
See Details ▶

Please select a delivery date/time.

Available  Selected  Holiday

Tue	Wed	Thu	Fri	Sat	Sun	Mon	»
8/10	8/11	8/12	8/13	8/14	8/15	8/16	

### Evening (Submit Order by 11:59PM Wed 11)

3:00PM - 5:00PM	Select
4:00PM - 6:00PM	Select
4:30PM - 9:30PM	ETA Save \$1.00 Greener Select
6:00PM - 8:00PM	Select
8:00PM - 10:00PM	Select





## With Yelp, you can:

- Search for restaurant near from you
- Browse reviews to read what's great in your city
- Look up addresses and phone numbers for thousands of businesses, then call or map them from your application
- Find great Deals offered by your favorite local restaurant
- Tap quick links to find nearby bars, restaurants, cafes and more



### Chinese Cuisine

1 - 50 of closest 94



#### 1. Ame

★★★★☆ 714 Reviews  
 St Regis Hotel, Financial District  
 American (New), Japanese

.0 mi

\$\$\$



#### 2. Roy's Restaurant

★★★★☆ 1474 Reviews  
 575 Mission St, Financial District  
 Asian Fusion

.2 mi

\$\$\$



#### 3. Amber India

★★★★☆ 920 Reviews  
 25 Yerba Buena Ln, Union Square  
 Indian

.1 mi

\$\$\$



#### 4. Hakkasan

★★★★☆ 178 Reviews  
 1 Kearny St, Union Square  
 Cantonese

.1 mi

\$\$\$\$



#### 5. Fang

★★★★☆ 600 Reviews  
 660 Howard St, Financial District  
 Chinese

.1 mi

\$\$

1 - 50 of closest 94

## Serpentine★★★★☆

Potrero Hill / Dogpatch  
 Contemporary American  
 \$30 and under



2495 Third Street  
 San Francisco CA, 94107



Thursday October 27, 2011 for 2 guests

100pts

100pts

100pts

Earn Dining Rewards Points towards free meals. [Learn more](#)

[Profile](#)
[Reviews](#)

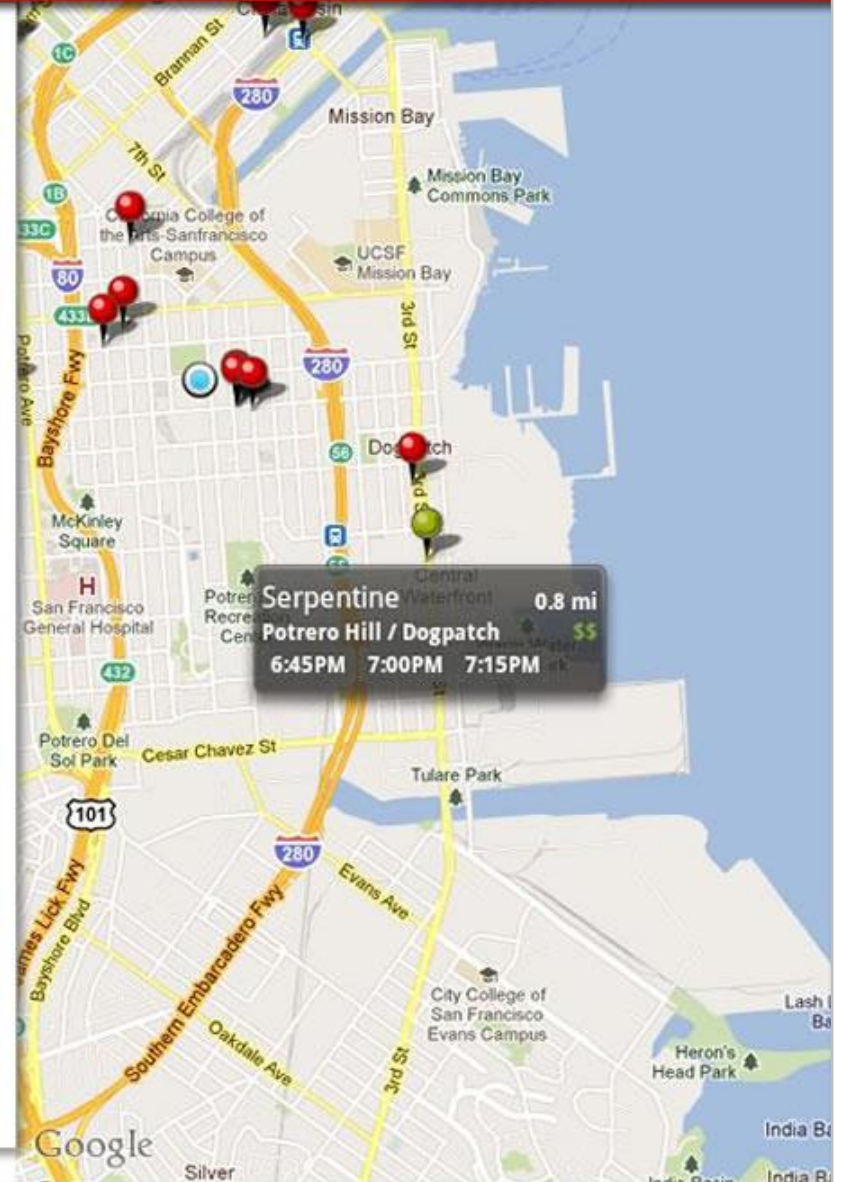
### Serpentine writes...

Tucked in a corner of a brick warehouse in the heart of Dogpatch, Serpentine features an ever changing menu shaped by local farms and ranches. Soaring ceilings are warmed by cozy booths and tasty twists on classic cocktails. Glimpses of Serpentine's sister restaurant, Slow Club, shine through in the fresh lunch and dinner menus, the intimate bar and the candlelit room.

### Parking

Street Parking

Parking is easy in the evenings and on the weekends. Weekdays are more difficult.





## With grubHub, you can:

- Enter an address to find delivery food and order from takeout restaurants near from you
- View menus, reviews and restaurant information for 20,000+ restaurants
- Search by restaurant and filter restaurants to see which are currently accepting online orders.
- Look up the phone numbers and location near you then call them from your application



## Pizza Delivery

Location: Fremont, CA



Pizza Hut



Papa John's



Domino's Pizza



Round Table



Papa Murphy



Pizza Time



CHOOSE ANY TWO OR MORE  
**\$5.99 EACH**

ORDER NOW



MEDIUM 2-TOPPING PIZZA\*



PASTA IN A TIN



STUFFED CHEESY BREAD



8-PIECE CHICKEN



OVEN BAKED SANDWICH

TWO-ITEM MINIMUM.  
HANDMADE PAN PIZZA MAY BE EXTRA.



ORDER

MENU

COUPONS

LOCATIONS

See All | Entrées | Sides | Drinks | Desserts

This is the Domino's generic menu. To see prices, coupons and exactly what items are in your store, use the store locator.

Domino's American Legends®



ORDER

Wisconsin 6 Cheese Pizza

Cheeses made with 100% real mozzarella, feta, provolone, cheddar, Parmesan and Asiago cheeses, sprinkled with oregano on a cheesy Parmesan Asiago crust.



ORDER

Honolulu Hawaiian Pizza

Sliced ham, smoked bacon, pineapple and roasted red peppers, cheeses made with 100% real mozzarella and provolone on a cheesy Parmesan Asiago crust.



ORDER

Philly Cheese Steak Pizza

Tender slices of steak, fresh onions, fresh green peppers and fresh mushrooms with provolone and American cheeses on a cheesy provolone crust.

Domino's Artisan™ Pizzas

Location: Ann Arbor, MI

Store: #1100

2715 Plymouth  
Ann Arbor, MI 48105



Delivery Hours:

Su 10:00am-2:00am  
Mo-We 10:00am-3:00am  
Th-Sa 10:00am-4:00am

Carryout Hours:

Su 10:00am-2:00am  
Mo-We 10:00am-3:00am  
Th-Sa 10:00am-4:00am

065333360

Do you want to call this number?

NO

Yes



CARRYOUT



# Food Network

Save favorite recipes to your application and watch channel from online.



## With Food Network, you can:

- Save favorite recipes to your application and organize your folder
- Directly watch the recipe from your menu planner
- Bookmark and review recipes with the Quicklist.
- Select favorite chef for your favorite recipe
- Search recipes by ingredients and food title

TV Shows

**Featured**

Just Added

Channel

Collections

Schedule

Find Stuff

All Recipes

My Lists

Favorites

Meal Planner

Competition

Settings



**RACHAEL VS. GUY: KIDS COOK-OFF**



**CUTTHROAT KITCHEN**



**THE GREAT FOOD TRUCK RACE**



**CHEF WANTED WITH ANNE BURRELL**



**DINERS, DRIVE-INS AND DIVES**



**BAREFOOT CONTESSA: BACK TO B...**



TV Shows

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Just Added

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Settings



### Guy Fieri

From daytime to prime time, Guy Fieri brings his unique personality to Food Network multiple times a week. Guy premiered his first show, Guy's Big Bite, on Food Network in 2006. Today, this "culinary rock star" also hosts the top-rated show Diners, Drive-Ins and Dives, guest judges on Food Network Star and collaborates with Rachael Ray in the star-studded competition series Rachael vs. Guy Celebrity Cook-Off.



Appetizers



chicken



Burgers



Pasta



Dessert



Brunch

TV Shows

Featured

Just Added

Channel

Collections

Schedule

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All Recipes

My Lists

**Favorites**

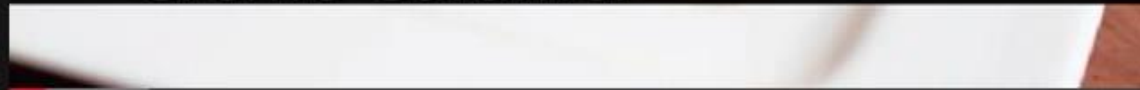
Meal Planner

Competition

Settings



## Crème Caramel



0:07 / 6:26

### Crème Caramel - Creamy Baked Caramel Custard Dessert Recipe

1. Heat the oven to 400 degrees. Halve the pumpkin and scoop out the seeds. Cut the pumpkin into 8 equal wedges and arrange on two baking sheets lined with foil. Sprinkle the wedges with salt and pepper and drizzle lightly with olive oil. Bake for about an hour, until the pumpkin is caramelized and tender when pierced with a sharp knife. Remove from the oven and let cool until you can handle the pumpkin without burning yourself.

2. In the meantime, crisp the pancetta in a medium saucepan over medium heat, about 10 minutes. Remove and drain on paper towels, discarding the fat.

### Favorite Recipe



Sandwich de aguacate



Pastel de cabracho



Crema de espárragos de Aranjuez



Carrilleras de cerdo ibérico



Cerezas con hueso comestible



Sandwich de aguacate



Carrilleras de cerdo ibérico

