

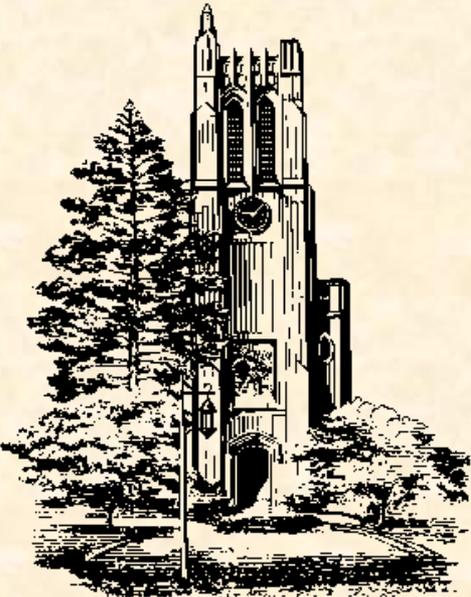
# Alpha Demonstration Mobile Health Management System

Team Medtronic  
CSE 498, Collaborative Design

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# Project Overview

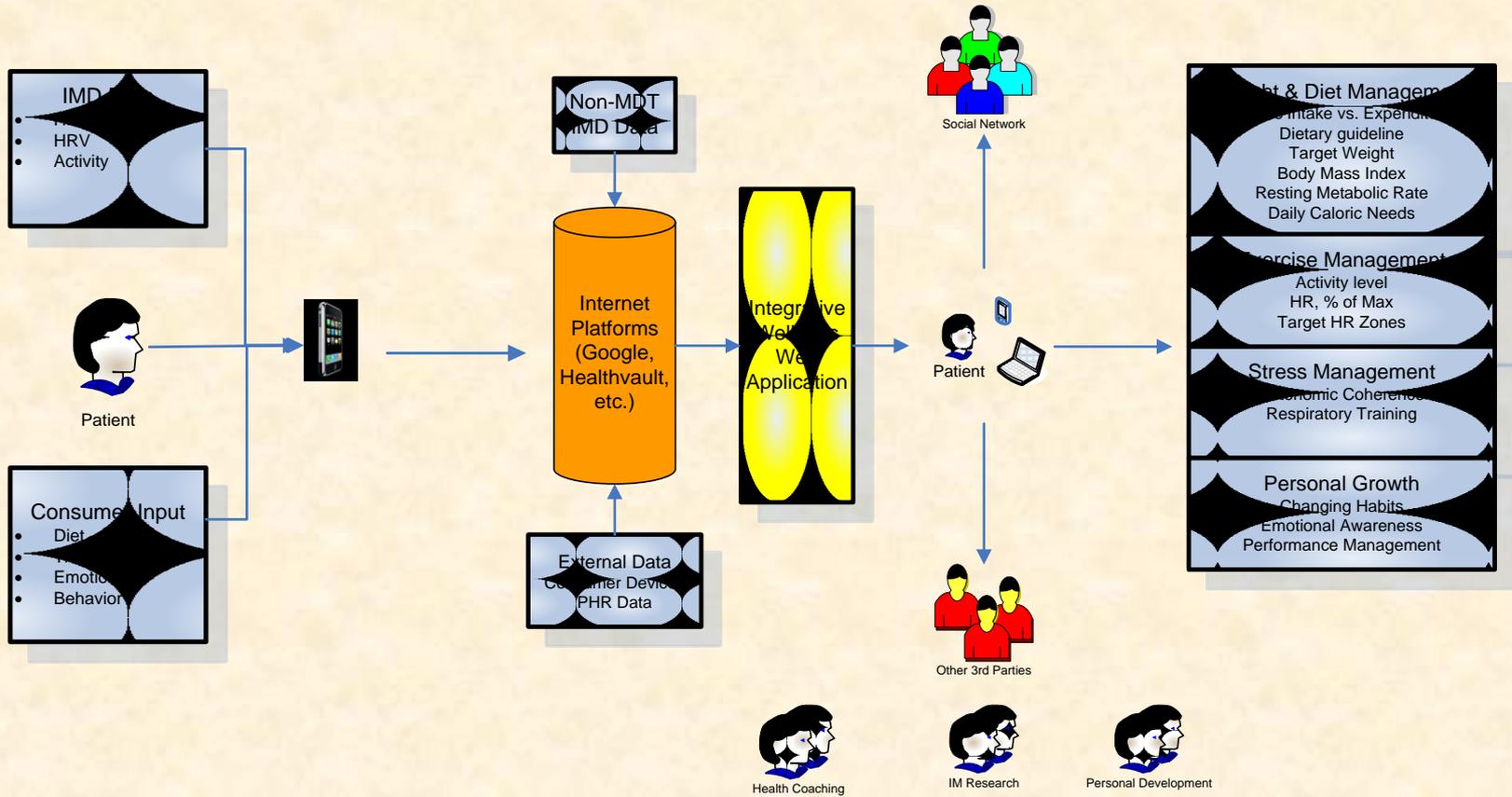
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- Mobile Health Management System
- Improve health and prevent future health problems
- Two applications to track health:
  - iPhone Application
  - Web Application
- Input food and exercise information
- Select goals to track
- Display user's progress on graphs
- Suggest healthier food choices

# Architecture Illustrated



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# Screen Shot



Logout

Home	Goals	Track	Account	
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### Total Food Consumption

Calories: 605.0  
 Calories from Fat: 19.0 g  
 Fat: 5.5 g  
 Saturated Fat: 2.0 g  
 Trans Fat: 0.0 g  
 Cholesterol: 10.0 mg  
 Sodium: 1150.0 mg  
 Carbs: 128.5 g  
 Fiber: 5.0 g  
 Sugar: 44.5 g  
 Protein: 12.0 g

### By Food

#### Apple Jacks

Calories: 70.0  
 Calories from Fat: 0.0 g  
 Fat: 0.0 g  
 Saturated Fat: 0.0 g  
 Trans Fat: 0.0 g  
 Cholesterol: 0.0 mg  
 Sodium: 85.0 mg  
 Carbs: 16.0 g  
 Fiber: 2.0 g  
 Sugar: 8.0 g  
 Protein: 1.0 g

#### Syrup

Calories: 105.0  
 Calories from Fat: 0.0 g  
 Fat: 0.0 g  
 Saturated Fat: 0.0 g  
 Trans Fat: 0.0 g  
 Cholesterol: 0.0 mg  
 Sodium: 70.0 mg  
 Carbs: 26.5 g  
 Fiber: 0.0 g  
 Sugar: 15.5 g  
 Protein: 0.0 g

#### Special K Bar, Strawberry

Calories: 90.0

### Add Exercise

Exercise:   
 Calories Burned:

Add Exercise

### Add Food:

What:   
 How Much:  
 (in servings)

### Nutrition Data: (per serving)

Calories:   
 Calories From Fat:  g  
 Fat:  g  
 Total Fat:  g  
 Saturated Fat:  g  
 Trans Fat:  g  
 Cholesterol:  mg  
 Sodium:  mg  
 Carbohydrates:  g  
 Fiber:  g  
 Sugar:  g  
 Protein:  g

Add Food

S

# Screen Shot



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# What's left to do?

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- Add more goals to track
  - Heart Rate
  - Blood Sugar
- Add device data
- Suggest food
- Only show goal specific information
- Account registration
- Edit account information
- Correlation of graphs
- Alerts when user has not entered data in