

1. Team Members

George Renzi & 3 classmates (JK, CO, HL)

2. Project Sponsor – contact information

Manuela P [REDACTED] is the owner of Mave Bakery. She can be best reached by cell phone, [REDACTED].

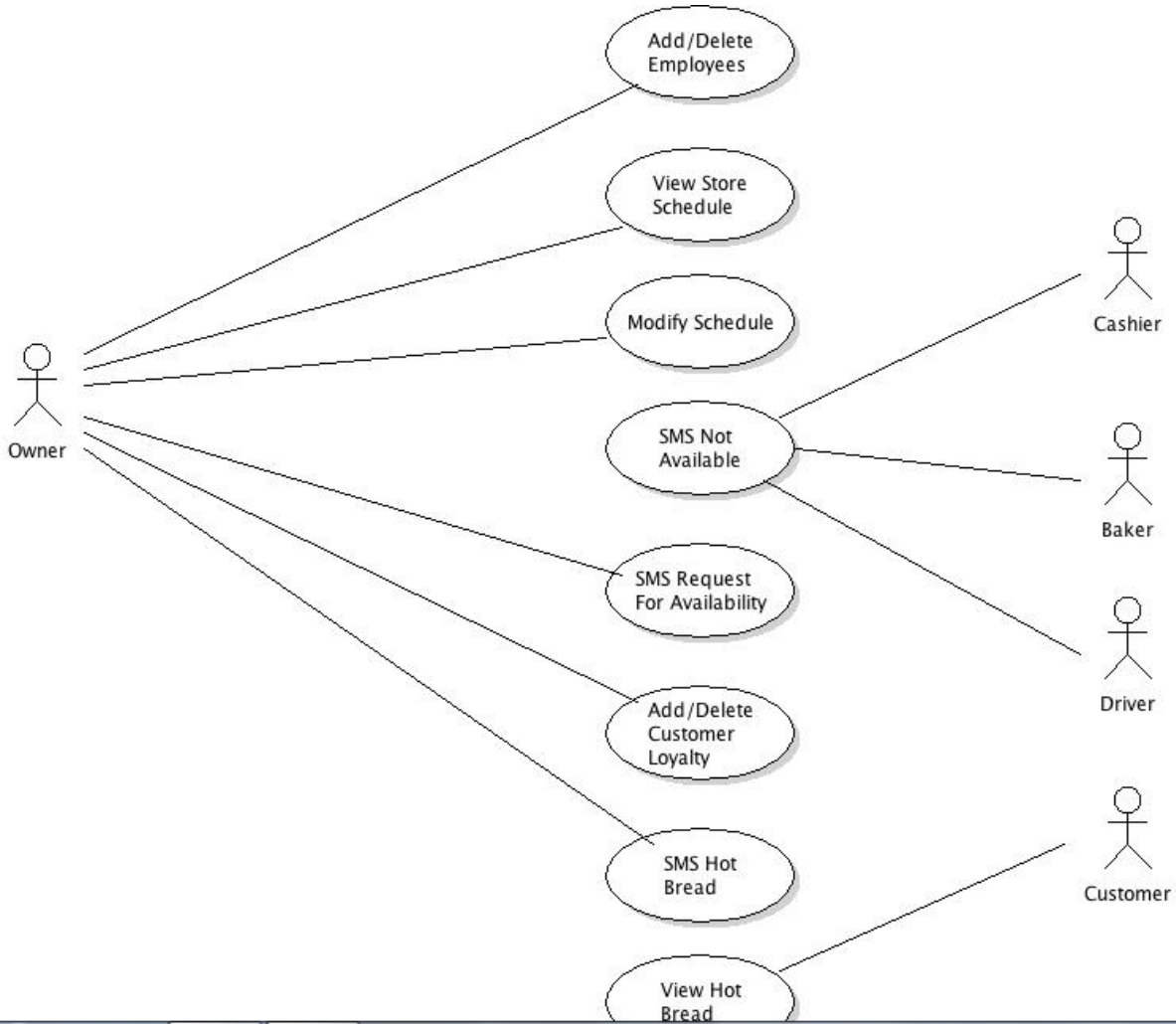
3. Project Vision

Mave Bakery is a specialty bakery and pastry shop. The company bakes and sells various types of breads, pastries and cakes from scratch. Everything is made fresh daily. They have two locations and a steady customer base. Product demand is consistent on most weeks. During the traditional holidays, like Christmas and Valentine’s Day, and ethnic holidays like “Dia de Reyes” (Kings Day) they see an influx of customer-specific orders. They also do deliveries for their best customers and other businesses in the metro-Atlanta area. The staff includes six bakers, two delivery drivers, and eight cashiers. The bakers and drivers are on salary and have some basic flexibility to their schedules, while the cashiers are hourly and need to be in the stores during business operating hours. They are scheduled as a two-shift operation due to the nature of the business. Most of the baking occurs in the early hours and store front is open during daytime and evening hours.

Mave Bakery is owned and managed by Manuela P [REDACTED]. She handles daily operations of the business which consist of: employee scheduling, inventory control and rotation, loss prevention and waste, customer satisfaction, customer appreciation discounts, payroll, accounts payables and receivables, and quality control.

While 80% of weekly operations are pretty consistent in regards to customer demands and employee scheduling, there is a need to manage the busy holiday weeks and employee “call-offs”. An electronic scheduling system with employee access and SMS/text messaging to communicate scheduling changes would greatly reduce issues during these busy timeframes. Manuela would have access to this information at all times, so she wouldn’t be tied to the bakery locations. All employees carry smart phones, so they would have open communication when scheduling needs arise.

4. Use Case Diagram (using Violet or any other UML software tool)



5. Team Organization

Based on the scrum process, the break-out of responsibilities are as follows: The product owner will be JK. He has a direct relationship with the owner of Mave Bakery. The Product Development Team will be HL and CO. They have a good mix of technical skills, aesthetics and user experience strategies. The scrum master will be George Renzi.

To begin the scrum process, we will have a meeting to discuss the user story and use cases and the experiences and expectations of Manuela. We will need to collect the information on the employees and their specific work schedules. The first iteration will focus more on the standard working shifts and store's needs. The second iteration will have to push the system to ensure it can handle holiday weeks and last minute changes. Due to our work and school schedules, the daily scrum meeting will have to occur on Tuesday's, Thursday's and Saturday's until completion.

We will be using SaaS platform salesforce.com to create our prototype for the employees scheduling model. This will allow for multiple product team members to work on segments of the project. We will document the sprints on a virtual board so that it can be accessible at any time throughout the process from remote locations.

Conceptual User Story

Owner creates a work schedule.

Owner adds new employee accounts.

Owner views current schedule.

Owner modifies current schedule.

Owner specifies location for employee.

Owner references historical schedules.

Nouns

Owner

Schedule

Employee account

Location

Verbs

Creates schedule

Adds employee accounts

Views schedule

Modifies schedule

Specifies location

References historical schedule

CRC Card

Front:

Class Name: Owner	ID:	Type:
Description: The owner of the company. Will create schedule.		Associated Use Cases:
<p style="text-align: center;"><u>Responsibilities</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<p style="text-align: center;"><u>Collaborators</u></p> <hr/> <p>Schedule</p> <hr/> <p>Employee account</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

Back:

<p>Attributes:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Relationships:</p> <p>Generalization (a-kind-of): _____ _____</p> <p>Aggregation (has-parts): _____ _____</p> <p>Other Associations: _____ _____</p>	

CRC Card

Front:

Class Name: Employee Account	ID:	Type:
Description: Stores the employee information for scheduling		Associated Use Cases: Add new employee; Add employee location
<u>Responsibilities</u>		<u>Collaborators</u>
_Create new employee account _____ _Add employee name _____ _Add phone number _____ _Add address _____ _Add store location _____ _____ _____ _____ _____ _____		_Owner _____ _Location _____ _____ _____ _____ _____ _____ _____ _____

Back:

Attributes:	
_employeeAccount: integer _____	_____
_name: String "New Employee Name"	_____
_phoneNumber: String _____	_____
_address: String _____	_____
_storeLocation: integer _____	_____
_____	_____
Relationships:	
Generalization (a-kind-of):	_____
_____	_____
Aggregation (has-parts):	_____
_____	_____
Other Associations:	_____
_____	_____

CRC Card

Front:

Class Name: Schedule	ID:	Type:
Description: A calendar used for scheduling employees		Associated Use Cases:
<p style="text-align: center;"><u>Responsibilities</u></p> _Stores calendar _____ _Create schedule _____ _Specifies a location _____ _View current schedule _____ _Modify current schedule _____ _View historical schedule _____ _____ _____ _____		<p style="text-align: center;"><u>Collaborators</u></p> _Owner _____ _Location _____ _____ _____ _____ _____ _____ _____

Back:

Attributes:	
_date: Gregorian calendar _____	_viewSchedule _____
_name: String = employeeName" _____	_viewHistory _____
_name: String = "New Location" _____	_____
_time: startTime _____	_____
_time: endTime _____	_____
_editSchedule _____	_____
Relationships:	
Generalization (a-kind-of):	_____
_____	_____
Aggregation (has-parts):	_____
_____	_____
Other Associations:	_____
_____	_____

CRC Card

Front:

Class Name: Location	ID:	Type:
Description: The store locations		Associated Use Cases:
<p style="text-align: center;"><u>Responsibilities</u></p> <p>_Contains store locations_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p style="text-align: center;"><u>Collaborators</u></p> <p>_Employee Account_____</p> <p>_Schedule_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

Back:

<p>Attributes:</p> <p>_name: String = "New Location" _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Relationships:</p> <p>Generalization (a-kind-of): _____</p> <p>_____</p> <p>Aggregation (has-parts): _____</p> <p>_____</p> <p>Other Associations: _____</p> <p>_____</p>	