System and Software Architecture Description (SSAD)

Online Wedding Management System

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Image21.png

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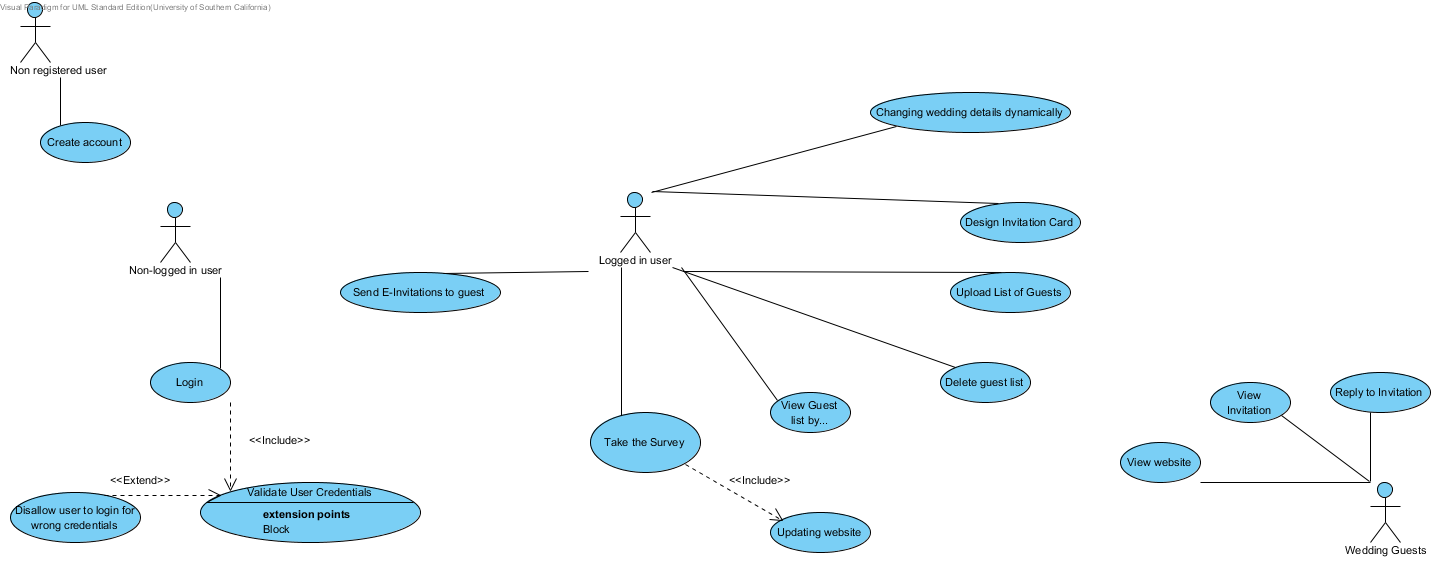
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# Behavior



## Details

### Image1.png Non registered user

### Image1.png Non-logged in user

### Image1.png Logged in user

### Image1.png Wedding Guests

### Image2.png View website

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 2, 2013 4:47:35 PM |
| **Brief Description** | View couple's website |
| **Preconditions** | Website is designed by couple |
| **Post-conditions** | Website viewed |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Guest clicks on website link in email |  | | 2 |  | Couple's wedding website displayed | |

### Image2.png Delete guest list

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 2, 2013 4:29:50 PM |
| **Brief Description** | Delete the guest list |
| **Preconditions** | Guest list uplaoded |
| **Post-conditions** | List deleted |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple selects guest list to be deleted and hits delete |  | | 2 |  | Deletes the list | | 3 |  | Confirmation message | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple selects guest list to be deleted and hits delete |  | | 2 |  | No delete performed | |

### Image2.png Take the Survey

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 6:15:01 PM |
| **Brief Description** | Survey about wedding details |
| **Preconditions** | Registration completed |
| **Post-conditions** | Wedding details recorded in database and displayed for further use-cases/error in saving |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | User clicks survey link |  | | 2 | Filling survey form |  | | 3 | Click on Save |  | | 4 |  | Information saved to database | | 5 |  | Confirmation shown | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | User clicks survey link |  | | 2 | Filling survey form |  | | 3 | Click on save |  | | 4 |  | error: Information not saved | | 5 |  | Redirect to survey form page. | |

### Image2.png View Guest list by category(event,RSVP status)

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 6:13:31 PM |
| **Brief Description** | View the uploaded guest list |
| **Preconditions** | Guest list uploaded |
| **Post-conditions** | Guest list displayed/error message if no list |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Select the criteria by which to view guest list |  | | 2 |  | List displayed | |
| **Alternate flow of event 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Select the criteria by which to view guest list |  | | 2 |  | Empty list displayed | |

### Image2.png Changing wedding details dynamically

#### Details

|  |  |
| --- | --- |
| Name | Value |
| Preconditions | Design ready for editing |
| Post-conditions | Design details dynamically edited |

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 6:05:14 PM |
| **Brief Description** | Edit details on wedding invitation design |
| **Preconditions** | Invitation background selected |
| **Post-conditions** | Details updated |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple views their invitation design |  | | 2 | Edit details as per requirement on this design |  | | 3 | Click Save button |  | | 4 |  | Save invitation design | |

### Image2.png View Invitation

#### Details

|  |  |
| --- | --- |
| Name | Value |
| Preconditions | invitation ready |
| Post-conditions | details viewed |

#### Use Case Descriptions

|  |  |
| --- | --- |
|  | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 11:06:18 PM |
| **Brief Description** | Guest clicks on the RSVP link in email for more details on the event |
| **Preconditions** | RSVP link received |
| **Post-conditions** | Invitation details viewed |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Guest clicks on invitation link in email |  | | 2 |  | Redirect to couple's website with event details and RSVP form | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Guest clicks on invitation link in email |  | | 2 |  | Error message displayed | |

### Image2.png Reply to Invitation

#### Details

|  |  |
| --- | --- |
| Name | Value |
| Preconditions | invite sent |
| Post-conditions | rsvp received |

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 5:55:08 PM |
| **Brief Description** | Respond to the invite |
| **Preconditions** | RSVP link received in email |
| **Post-conditions** | RSVP response recorded in database |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Guest clicks on RSVP link |  | | 2 |  | Redirect to RSVP form page for associated couple | | 3 | Enter and Submit RSVP form details |  | | 4 |  | Confirmation message:data saved | |

### Image2.png Send E-Invitations to guest

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** | send invitations |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 11:01:20 PM |
| **Brief Description** | send invites by email to guests |
| **Preconditions** | guest list uploaded |
| **Post-conditions** | invites sent to guest list/error |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple clicks on send invites |  | | 2 |  | Invites sent to guests in emails with invitation link | | 3 |  | Redirected to confirmation screen | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple clicks on send invites |  | | 2 |  | Error: No invites sent | | 3 |  | Redirected to invite page with error message 'no guest list to send invites' | |

### Image2.png Upload List of Guests

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 6:12:23 PM |
| **Brief Description** | Upload guest list excel sheet |
| **Preconditions** | Logged in user |
| **Post-conditions** | Guest list available for viewing |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 |  | Presents downloadable template to fill data to user | | 2 | User fills and uploads excel sheet |  | | 3 |  | System parses uplaoded file and saves into database | | 4 |  | Save confirmation message | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 |  | Presents downloadable template to fill data to user | | 2 | User fills and uploads excel sheet |  | | 3 |  | System parses uploaded file and saves into database | | 4 |  | Error message | |

### Image2.png Design Invitation Card

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Dec 1, 2013 6:08:23 PM |
| **Brief Description** | Design the invitation card to be sent to all guests |
| **Preconditions** | Logged in user |
| **Post-conditions** | Invitation saved |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Couple selects invitation background |  | | 2 | Couple clicks save button |  | | 3 |  | System saves background | | 4 |  | System redirects to invitation design page | | 5 | Select components on the background with desired locations |  | | 6 | Click save button |  | | 7 |  | Saves all positions and content | |

### Image2.png Disallow user to login for wrong credentials

#### Details

|  |  |
| --- | --- |
| Name | Value |
| Preconditions | Validation occurred |
| Post-conditions | Login error |

#### Use Case Descriptions

|  |  |
| --- | --- |
| disallow login | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 10:41:19 PM |
| **Brief Description** |  |
| **Preconditions** | Validation done |
| **Post-conditions** | User redirected to login page |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Enter credentials |  | | 2 |  | Error message:wrong credentials | | 3 |  | Redirect to login screen | |

### Image2.png Validate User Credentials

#### Extension Points

|  |
| --- |
| Block |

#### Use Case Descriptions

|  |  |
| --- | --- |
| Validate User | |
| **Super Use Case** | Login |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 10:50:11 PM |
| **Brief Description** |  |
| **Preconditions** | Credentials entered(through login) |
| **Post-conditions** | Success/fail |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 |  | Validate credentials sent by user | | 2 |  | Check with database | | 3 |  | Confirm message and take to home screen | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 |  | Validate credentials sent by user | | 2 |  | Check with database | | 3 |  | Error message and take to login screen | |

### Image2.png Login

#### Use Case Descriptions

|  |  |
| --- | --- |
| Login | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 10:54:28 PM |
| **Brief Description** | For registered users to login into the system |
| **Preconditions** | Credentials entered |
| **Post-conditions** | Allow/disallow |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Enter credential |  | | 2 |  | Validation check:pass | | 3 |  | Confirmation message, redirect to home screen | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | Enter credentials |  | | 2 |  | Validation check:fail | | 3 |  | Redirect to login screen with error message displayed | |

### Image2.png Create account

#### Use Case Descriptions

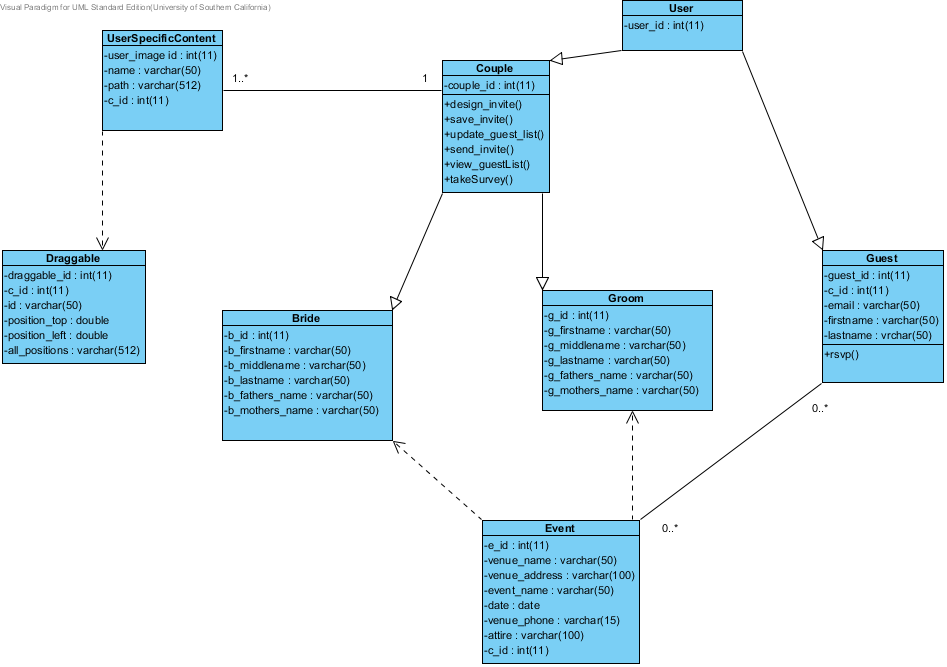
|  |  |
| --- | --- |
| create account | |
| **Super Use Case** |  |
| **Author** | amala9 |
| **Date** | Oct 23, 2013 10:55:43 PM |
| **Brief Description** | Creates user account for a new user |
| **Preconditions** | user account doesn't exist |
| **Post-conditions** | account created/validation error |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | user fills registration form and submits it |  | | 2 |  | Validate form:pass | | 3 |  | Registration link sent to user in email | | 4 | User clicks on link |  | | 5 |  | Confirmation: account created. | |
| **Alternate flow 1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | user fills registration form and submits it |  | | 2 |  | Validate form:fail | | 3 |  | Registration link sent to user in email | | 4 | User clicks on link |  | | 5 |  | Redirect to form page with error displayed | |
| **Alternate flow 2** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | user fills registration form and submits it |  | | 2 |  | Validate form:fail | | 3 |  | Display message 'Account already exists' | |

### Image2.png Updating website

#### Use Case Descriptions

|  |  |
| --- | --- |
| Main | |
| **Super Use Case** |  |
| **Author** | home |
| **Date** | Dec 2, 2013 8:36:43 PM |
| **Brief Description** |  |
| **Preconditions** | Website ready and details entered |
| **Post-conditions** | Details updated |
| **Flow of Events** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | User clicks survey link |  | | 2 | Edit survey information |  | | 3 | Click save |  | | 4 |  | Information saved to database | | 5 |  | Confirmation shown | |
| **Alternate flow1** | |  |  |  | | --- | --- | --- | |  | Actor Input | System Response | | 1 | User clicks survey link |  | | 2 | Edit survey information |  | | 3 | Click save |  | | 4 |  | Information not saved | | 5 |  | Redirected to survey page | |

# Design Class Diagram



## Details

### Image4.png User

### Image4.png UserSpecificContent

### Image4.png Couple

### Image4.png Draggable

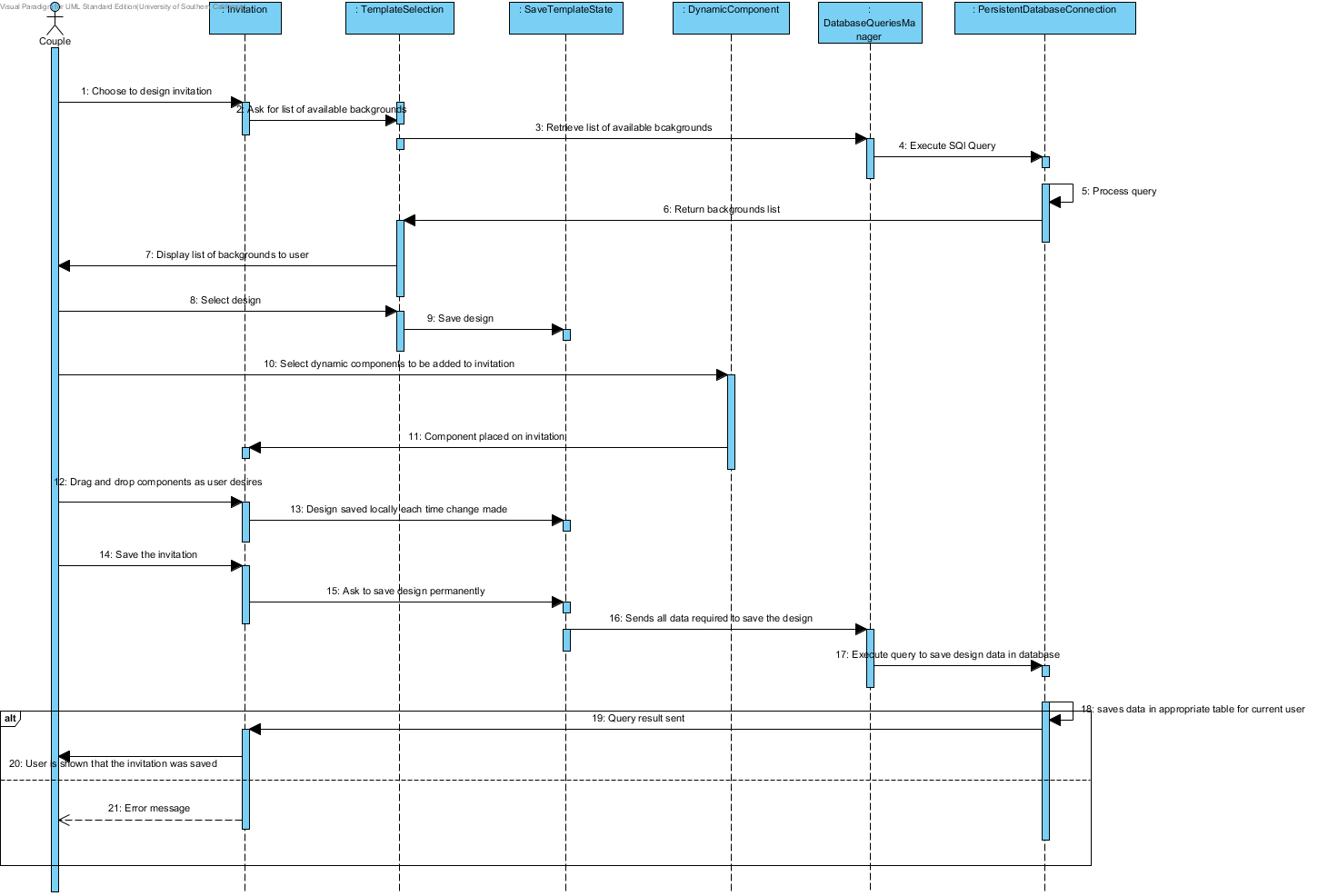
### Image4.png Guest

### Image4.png Groom

### Image4.png Bride

### Image4.png Event

# Create Invitation Sequence Diagram



## Details

### Image1.png Couple

### Image6.png : Invitation

### Image6.png : TemplateSelection

### Image6.png : DatabaseQueriesManager

### Image6.png : PersistentDatabaseConnection

### Image6.png : SaveTemplateState

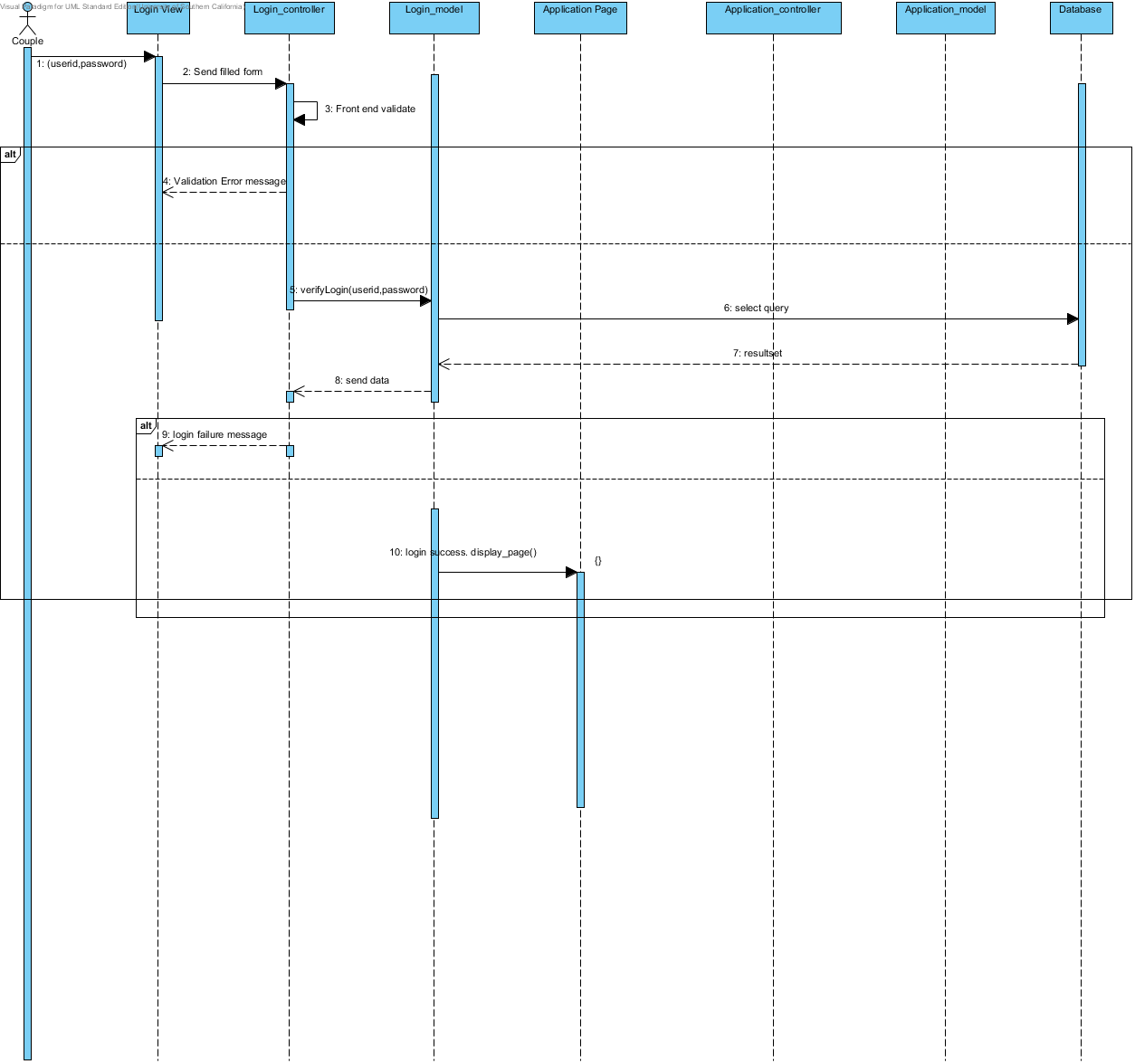
### Image6.png : DynamicComponent

### Image7.png Operand2

### Image7.png Operand

### Image8.png CombinedFragment

# Login



## Details

### Image1.png Couple

### Image6.png Login View

### Image6.png Login\_controller

### Image6.png Login\_model

### Image6.png Database

### Image6.png Application Page

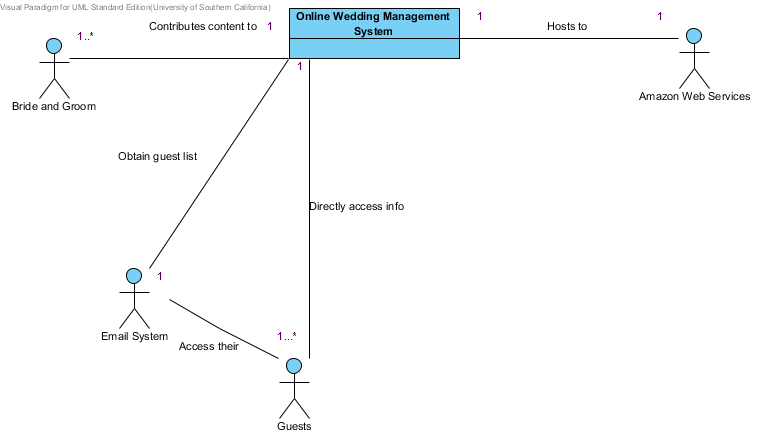
### Image8.png CombinedFragment2

### Image8.png CombinedFragment

### Image6.png Application\_model

### Image6.png Application\_controller

# System Context Diagram



## Details

### Image11.png 1...\*

### Image11.png 1..\*

### Image11.png \*

### Image11.png 1

### Image11.png \*

### Image11.png \*

### Image4.png Online Wedding Management System

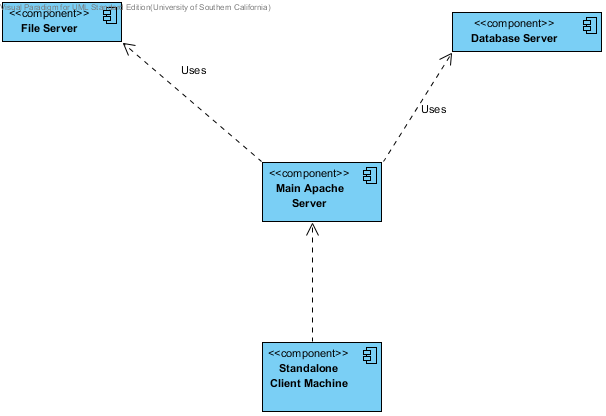
### Image1.png Amazon Web Services

### Image1.png Guests

### Image1.png Email System

### Image1.png Bride and Groom

# Hardware Component Class Diagram



## Details

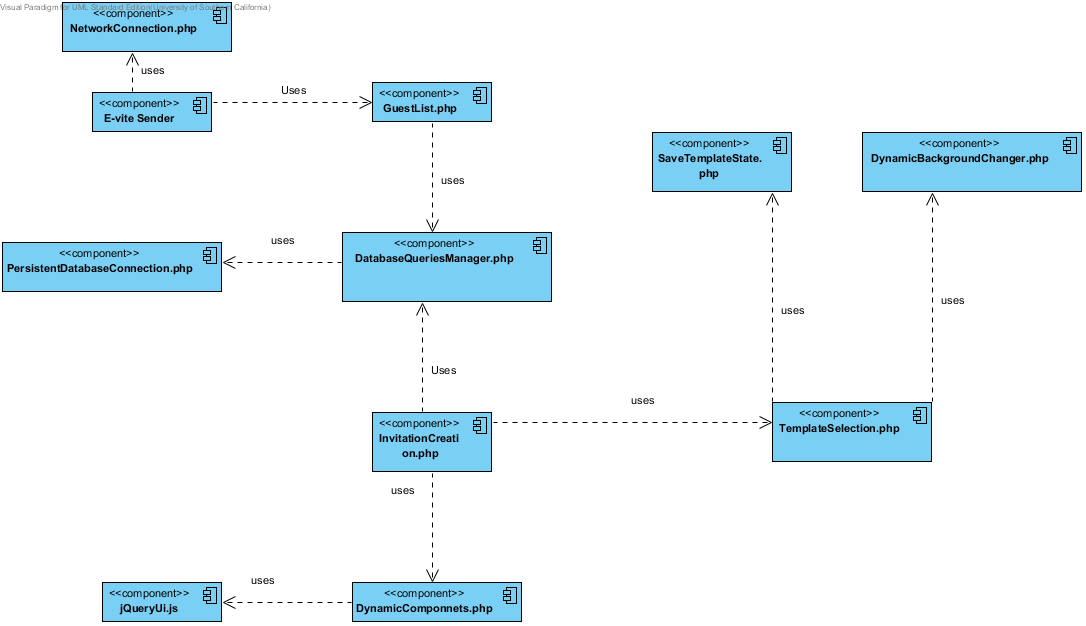
### Image13.png File Server

### Image13.png Database Server

### Image13.png Main Apache Server

### Image13.png Standalone Client Machine

# Software Component Class Diagram



## Details

### Image13.png NetworkConnection.php

### Image13.png GuestList.php

### Image13.png E-vite Sender

### Image13.png SaveTemplateState.php

### Image13.png DynamicBackgroundChanger.php

### Image13.png DatabaseQueriesManager.php

### Image13.png PersistentDatabaseConnection.php

### Image13.png TemplateSelection.php

### Image13.png InvitationCreation.php

### Image13.png jQueryUi.js

### Image13.png DynamicComponnets.php

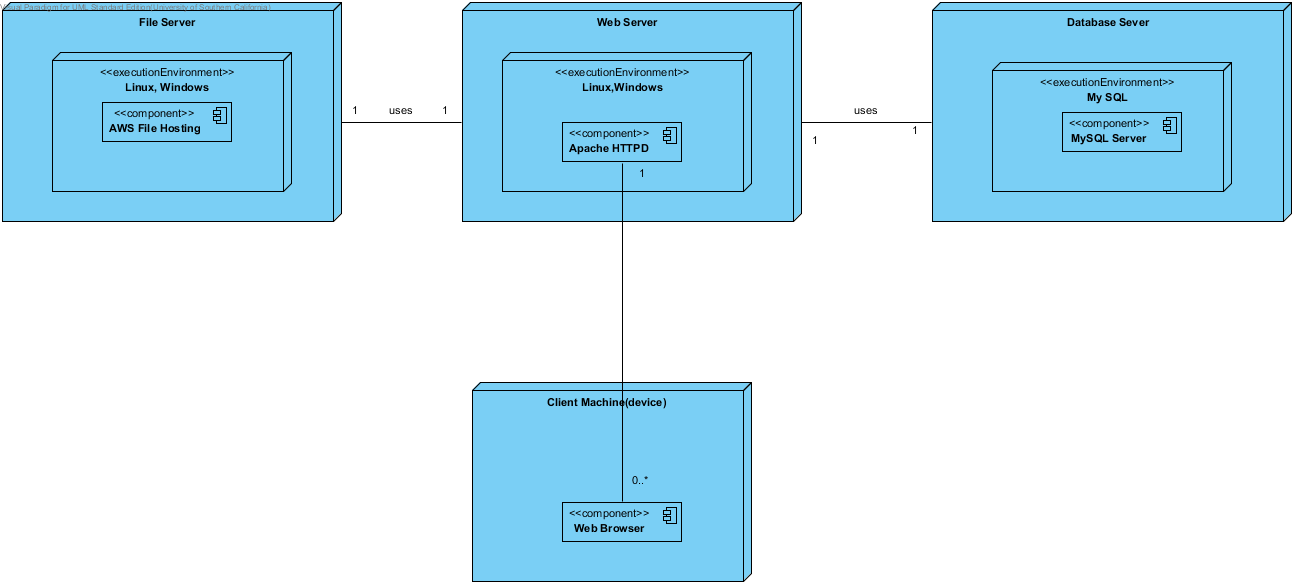
# Web Server

Image15.png

## Details

### Image13.png Apache HTTPD

# Deployment Diagram



## Details

### Image17.png File Server

### Image17.png Web Server

### Image17.png Database Sever

### Image17.png Linux, Windows

### Image17.png Linux,Windows

### Image17.png My SQL

### Image13.png AWS File Hosting

### Image13.png MySQL Server

### Image13.png Apache HTTPD

### Image17.png Client Machine(device)

### Image13.png Web Browser

# Artifacts and information

