# Display-Action-Response (DAR) Model for User Interface Requirements

## UI Element: <Element Name>

### UI Element Description

| ID | <Unique ID for the element on the page> |
|---|---|
| Description | <Description of the element> |

### UI Element Displays

| Precondition | Display |
|---|---|
| <Precondition 1> | <Display of the element under precondition 1> |
| <Precondition 2> | <Display of the element under precondition 2> |

### UI Element Behaviors

| Precondition | Action | Response |
|---|---|---|
| <Precondition 1> | <User action 1> | <System response under precondition1> |
| <Precondition 1> | <User action 1> | <System response under precondition1> |

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**\*Name (First, Middle Initial, Last)**

| Jane | K | Doe |
|---|---|---|

**\*Position/Title**

Senior Project Manager

**\*Email Address**

jdoe@acme.com   ☐ Check to receive a confirmation email

**\*Alternate Email Address**

jane1234@gmail.com

**\*Daytime Phone**   |   **Ext**

512  555 — 1212

**\*Fax**

512  555 — 1211

**\*Address 1**

1234 Mockingbird Lane

**Address 2**

**\*City**   **\*State**   **\*Zip Code**

Austin   TX   78756

[ Submit ]

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## UI Element: Daytime Phone Number Text Field

### UI Element Description

| ID | ELMT_0001 |
|---|---|
| Description | Order contact phone number |

### UI Element Displays

| Precondition | Displays |
|---|---|
| Customer profile has a phone number saved | System displays stored phone number |
| Customer profile does not have a phone number saved | System displays blank text box |

### UI Element Behaviors

| Precondition | Action | Behavior |
|---|---|---|
| Phone number has been entered and customer tabs out of the field | System determines only digits were entered in the text box | System displays phone number field with entered data |
| Phone number has been entered and customer tabs out of the field | System determines non-digits were entered in the text box | System displays an error message indicating there is an error in the phone number entered |

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## UI Element: Zip Code Text Field

### UI Element Description

| ID | ELMT_0002 |
|---|---|
| Description | Zip code as part of the mailing address for the customer |

### UI Element Displays

| Precondition | Displays |
|---|---|
| Customer profile has an address stored | System displays stored zip code |
| Customer profile does not have an address saved | System displays blank text box |

### UI Element Behaviors

| Precondition | Action | Behavior |
|---|---|---|
| Zip code has been entered and customer tabs out of the field | System determines zip code is in list of zip codes that span counties | System displays dropdown box to select the appropriate county<br>Select County<br>Travis ▼ |
| Zip code has been entered and customer tabs out of the field | System determines zip code is not in the list of zip codes that span counties | System displays zip code field with entered data |

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## UI Element: Submit Button

### UI Element Description

| ID | ELMT_0003 |
|---|---|
| Description | Button to submit contact information for the order |

### UI Element Displays

| Precondition | Displays |
|---|---|
| Always | Display button |

### UI Element Behaviors

| Precondition | Action | Behavior |
|---|---|---|
| User selects button | System determines required fields are complete | System saves contact information to order and takes user to billing information page |
| User selects button | System determines required fields are not complete | System displays an error message indicating which fields need to be complete and displays previously entered information in the fields |

Joy Beatty and Mike Alexander

joy.beatty@seilevel.com
mike.alexander@seilevel.com