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# INTRODUCTION

## Purpose and Intended Audience

This document intents to describe the detailed system requirement specifications of the Bolink platform. The document would explain the various system interactions, interface requirements, integration aspects of the product.

The document will be basis for the design and customization of the standard product to deliver the system level requirements and will serve as a reference for the developers to align the product to the requirement of the customer. The document will be further customized to capture the project specific system requirements that will be mutually agreed and signed off with the customer.

## Scope and Benefits

The scope of the system is to develop and deliver the following features as a part of the Bolink.

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| **Business Requirement** | **Functionality** |
| **1.** | * Buyers MVP |
| **2.** | * Sellers MVP |
| **3.** | * Agency/Agent MVP |
| **4.** | * Email Verification Flow |
| **5.** | * Forget Password Flow |

# USECASE FOR BUYERS MVP

# Use case for Buyer’s MVP

# Landing Page

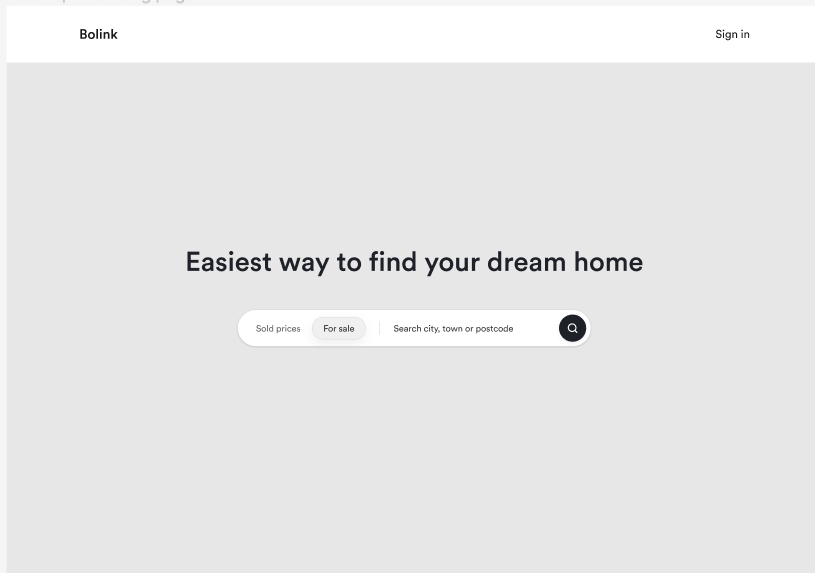
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| **Name of Use Case** | **Sign-in and Search city, town or postcode** |
| **Use Case ID** | **BOL\_001** |
| **RFP ID** | **REQ-001-** The platform must support searching city, town or postcode through landing page.  **REQ-002-** The user should be able to sign in to the platform through the landing page. |
| **Goal** | To be able to Sign-in and Search city, town or postcode |
| **Description** | User must be able to searching city , town or postcode through landing page. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be able to login to the Bolink application. |

Acceptance Criteria-

1. User should be able to Sign in to the platform.
2. User should be able to search through city, town or postcode.
3. User should be able to enter sold price for sale.

Figma link for Buyers MVP:- <https://www.figma.com/file/2JGahG8ALz82XiGyMA7yVg/Bolink---High-level?node-id=326%3A6679>

Data Flow Diagram-



# Landing Page

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| **Name of Use Case** | **Search – First time focus** |
| **Use Case ID** | **BOL\_002** |
| **RFP ID** | **REQ-003-** The platform should show the near by places in the search suggestion based on the current location. |
| **Goal** | To be able to view the nearby places in the search suggestion. |
| **Description** | User must be able to view the suggestion in the search feature on the landing page. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be able navigate to the Bolink URL. |

Acceptance Criteria-

1. User should be able to view search suggestion based on the current location.
2. User should be able to click on the suggested search.

# Landing Page

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| **Name of Use Case** | **Search result and Search result scrolling** |
| **Use Case ID** | **BOL\_003** |
| **RFP ID** | **REQ-004-** The platform should show the search result with property card and should be able to mark favorite.  **REQ-005-** The platform should be able to perform the scroll activity on the search result page. |
| **Goal** | To be able to view the search result and perform scroll. |
| **Description** | User must be able to enter input in search filed and should be navigate to the search result page. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should pass inputs in search field. |

Acceptance Criteria-

1. User should be able to navigate to the search result page.
2. User should be able to perform scroll in the search result page.

# Landing Page

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| **Name of Use Case** | **Search filter** |
| **Use Case ID** | **BOL\_004** |
| **RFP ID** | **REQ-004-** The platform should allow user to filter the search with property type, pricing, bedrooms, bathrooms, amenities and parking. |
| **Goal** | To be able to allow user to filter the search with property type, pricing, bedrooms, bathrooms, amenities and parking. |
| **Description** | User must be able to filter the search with property type, pricing, bedrooms, bathrooms, amenities and parking. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should pass inputs in search field. |

Acceptance Criteria-

1. User must have filter option.
2. User must be able to filter through property type, pricing, bedrooms, bathrooms, amenities and parking.
3. User must be able to view property images.
4. User must be able to property location.

# Favourites

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| **Name of Use Case** | **Favourites- Prompt user to register and Success** |
| **Use Case ID** | **BOL\_005** |
| **RFP ID** | **REQ-005- The platform should allow user to add property to favorite.**  **REQ-006- The platform should prompt user to register while adding property to favorite.**  **REQ-007- The platform should allow user to add more favorites after doing successful signed up.** |
| **Goal** | To be able to allow user add favorites in their profile. |
| **Description** | User must be able add favorites in the profile once they have signed in or if the new user has not signed in it will navigate to the register page while adding the property to the favorite. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be in the filter module. |

Acceptance Criteria-

1. User must be able to add property to favorite.
2. User must be able to navigate to the register page if not signed up.
3. User must be able to add more favorites after successful sign up.

# My Profile

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| **Name of Use Case** | **My details, Favourites, Saved searches** |
| **Use Case ID** | **BOL\_006** |
| **RFP ID** | **REQ-008- The platform should allow user to add personal details.**  **REQ-009- The platform should allow user to save the searches after sign up.**  **REQ-010- The platform should allow user to view favorite tab.** |
| **Goal** | To be able to add personal details, able to view favorite tab and should be able to save the searches. |
| **Description** | User must be able add personal details like name, email and phone number after sign up. Must be able to view favorite property list inside the favorite tab, must be able to save the searches after signing up. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should sign up with valid details. |

Acceptance Criteria-

1. User must be able to add preferred name in my details tab.
2. User must be able to add email address.
3. User must be able to add phone number.
4. User must be able to view all favorites in the favorites tab.
5. User must be able to save the searches.

# Saved Searches

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| **Name of Use Case** | **Saved searches- Add, delete, set alert** |
| **Use Case ID** | **BOL\_007** |
| **RFP ID** | **REQ-011- The platform should be able to show saved searches.**  **REQ-012- The platform should be able to delete the saved searches.**  **REQ-013- The platform should be able to set alert and should be able to name the alert.** |
| **Goal** | To be able to save new searches, should be able to delete saved searches and should be able to set alert. |
| **Description** | User must be able add saved searches after signing up, should be able to delete saved searches, should be able to view details about the property. Should be able to set the alert after signing up as a user. Should be able to set the name for the alert and should check the notification options both email or SMS. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be able to sign in before alert set and searches save. |

Acceptance Criteria-

1. User must be able to add searches after signing in.
2. User must be able to delete saved searches.
3. User must be able to set the alert for saved property.
4. User must be able to set the alert for multiple property.
5. User must be able to name the alert.
6. User must be able to check the options of email, SMS for send alert as.
7. User must be able to get success notification after set alert.

# Property view

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| **Name of Use Case** | **Old and New Property view- Photos, Price in NOK, Location, Description, Property details, About the neighbor, other perks** |
| **Use Case ID** | **BOL\_008** |
| **RFP ID** | **REQ-014- The platform should be able to show photos of the property.**  **REQ-015-The platform should be able to show location of the property.**  **REQ-016-The platform should be able to show description and details of the property.**  **REQ-017-The platform should be able to show about the neighbor and other perks.** |
| **Goal** | To be able to allow user to view photos, details, description, other perks of the property. |
| **Description** | After landing to property page, user should be able to view photos of the property, should be able to save and should be able to share the property. User must be able to view the price of the property which is entered by sellers. User should be able to view the description and details of the property. |
| **Actors** | Users |
| **Pre-Conditions** | The user should login to the platform and should open one of the interested property. |

Acceptance Criteria-

1. User must be able to view photos of the property and should be able to slide for the next photo.
2. User must be able to view the details and description of the property.
3. User should be able to view the other perks and about the neighbor.
4. User must be able to view price of the property in NOK.
5. User must be able to view the location of the property.
6. User must be able to view our journey (Planning, sales, construction dates) over the new property page.
7. User must be able to view the housing in the project (residence, area in m2, bedroom, total price) in the new property.
8. User should be able to view the upcoming showing in the new property.
9. If no showing is not available, the “I’m interested” tag should not be available.

# Old property-Interested

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| **Name of Use Case** | **Interested in Old property** |
| **Use Case ID** | **BOL\_009** |
| **RFP ID** | **REQ-018- The platform should be able to navigate to the sign-up page if user is not signed up and clicked on “I’m interested”.** |
| **Goal** | To be able to allow user to view the interested property after sign up. |
| **Description** | If user wants to view the interested property it should throw sign up pop-up and allow user to sign up first and then to view the property. |
| **Actors** | Users |
| **Pre-Conditions** | The user should not be signed up and should be on the property page. |

Acceptance Criteria-

1. User must be able to view property after sign up.
2. User must get success notification after sign up.
3. If user is not signed up must not allow to mark the property as interested.
4. If user not signed up and trying to mark property as interested it should navigate to the sign-up page.
5. User must get a welcome email after successful sign up.
6. User must be able to find his/her details in the welcome email.

# USECASE FOR EMAIL VERIFICATION FLOW AND FORGET PASSWORD

# Use case for Email Verification

# Landing Page- Sign in email verification

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| **Name of Use Case** | **Email verification flow in Web and Mobile version** |
| **Use Case ID** | **BOL\_010** |
| **RFP ID** | **REQ-019-** The platform must support email verification both in web and mobile.  **REQ-020-** The platform must support sign in through google and direct sign up.  **REQ-021-** The platform must verify the email if user is signing up through direct username and password. |
| **Goal** | To be able to sign up through google or direct username and password. |
| **Description** | User must be able to sign up through google or direct username and password, if user is signing up through direct username and password it should ask for email verification and then after verification success it should land to the profile page. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be able to view the sign up pop-up. |

Acceptance Criteria-

1. User must be able to sign up through google.
2. User must be able to sign up directly.
3. User must be email verified after sign up.
4. User must get verification code to the entered email id.
5. User must get success notification after email verification.

# Landing Page- Sign in email verification

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| **Name of Use Case** | **Mobile number verification and Profile update** |
| **Use Case ID** | **BOL\_011** |
| **RFP ID** | **REQ-022-** The platform must support mobile number verification both in web and mobile.  **REQ-023-** The platform must throw success notification after mobile verification and the mobile number should be updated in the profile details page. |
| **Goal** | To be able to do mobile number verification after email verification successfully. |
| **Description** | User must be able to do update his mobile number in the profile details page and the should be able to do mobile verification and should update the mobile number in the profile details page. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should have completed email verification successfully. |

Acceptance Criteria-

1. User must be asked for mobile number verification after email verification.
2. User must be able to get otp in the registered mobile number.
3. User must be able to pass otp in the verify your mobile number pop-up.
4. User must be able to get success notification after mobile number successfully verified.
5. User must be able to verify its mobile number in the handset as well.

# Use case for Forget Password

# Forget Password Flow

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| **Name of Use Case** | **Forget Password for Web and Mobile view** |
| **Use Case ID** | **BOL\_012** |
| **RFP ID** | **REQ-024-** The platform must allow user to reset its password.  **REQ-025-** The platform must ask user to enter the email address and should sent forget password link in the entered email. |
| **Goal** | To be able to do forget password to reset the password. |
| **Description** | User must be able to reset the password using forget password module, user must enter the email address to get the forget password link. Forget password should work in both web and mobile. |
| **Actors** | Users |
| **Pre-Conditions** | The Users should be able to view forget password clickable link near password input field. |

Acceptance Criteria-

1. User must be able to pass email address to get the link to set the new password.
2. User must get “Check you Inbox” pop-up after entering valid email ID.
3. User must be able to navigate to reset your password pop-up through the link.
4. User must be able to enter the new password and confirm password.
5. User must not be able to view the entered password if eye icon is not clicked.
6. User must get success notification if the new password has been set successfully.
7. User must be able to sign up with the new password.
8. User must be able to reset its password through mobile view as well.