



North South University

Department of Electrical & Computer Engineering

Course Code: CSE327

Section: 5

Group Number: 1

Submitted To: Dr. Razib Hayat Khan

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Project Title: Location recommendation System

User Story

Title: Sign up (General User)	Priority: Very High	Estimate: 1-2 weeks
<p>As a <i>general user</i></p> <p>I want to sign up</p> <p>so that I can have an account</p>		
<p>Acceptance criteria</p> <p>Given <i>email, password, NID, and house location.</i></p> <p>When system stores it to its database</p> <p>Then rentee can sign in to his/her account</p> <p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL</p>		

User Story

Title: Log in System	Priority: Very High	Estimate: 3-4 weeks
<p>As an admin, or a general user</p> <p>I want to log in to portal</p> <p>so that I can view my profile</p>		
<p>Acceptance criteria</p> <p>Given <i>email and password</i></p> <p>When system can cross check user's email and password with stored database</p> <p>Then if it matches, user can log into his/her account</p>		
<p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL</p>		

User Story

Title: Sending confirmation messages	Priority: High	Estimate: 3 weeks
<p>As an admin</p> <p>I want to send confirmation mail to a newly created user</p> <p>so that they can verify his/her identity.</p>		
<p>Acceptance criteria</p> <p>Given <i>sign up information from user</i></p> <p>When system adds to its database</p> <p>Then send a confirmation message to user's mail.</p>		
<p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL, Third party app</p>		

User Story

Title: Advertisement Sharing	Priority: High	Estimate: 4-5 weeks
<p>As a general user</p> <p>I want to share pictures of the rental places</p> <p>so that I can provide the insights of the apartment</p>		
<p>Acceptance criteria</p> <p>Given <i>pictures and information</i></p> <p>When system adds to its database</p> <p>Then shows a post to the users</p>		
<p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL</p>		

User Story

Title: Reviews and Ratings	Priority: High	Estimate: 4 weeks
<p>As a general user</p> <p>I want to post reviews and ratings to the places that I rented</p> <p>so that I can help others to select their accommodation</p>		
<p>Acceptance criteria</p> <p>Given <i>posts on renting houses</i></p> <p>When system adds to its database</p> <p>Then other users can view and provide feedback in this specific forum</p>		
<p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL</p>		

User Story

Title: Filtering and Sorting	Priority: High	Estimate: 3-4 weeks
<p>As a general user</p> <p>I want to find a suitable place based on some criteria</p> <p>so that I can rent a place</p>		
<p>Acceptance criteria</p> <p>Given <i>location address</i></p> <p>When system analyses data from database (addresses) with keyword</p> <p>Then system shows result</p>		
<p>Platform: Any Browser from mobile phone, Windows and MAC</p> <p>Language/framework: HTML, CSS, Django, MySQL</p>		

User Story

Title: Location tracking	Priority: High	Estimate: 5-6 weeks
As a general user I want to find nearby rental houses so that I can stop by and check it		
Acceptance criteria Given <i>location access</i> When system can track the user's current location Then system allows the user to input their desired location.		
Platform: Any Browser from mobile phone, Windows and MAC Language/framework: HTML, CSS, Django, MySQL, Third party services		

User Story

Title: Recommendation System	Priority: High	Estimate: 4-5 weeks
As a general user I want to get notified about suggested places so that I can quickly locate a place to live		
Acceptance criteria Given <i>user's profile, location and search history</i> When system analyses user's data Then system can provide personalized recommendations		
Platform: Any Browser from mobile phone, Windows and MAC Language/framework: HTML, CSS, Django, MySQL		