

Federation University Australia at IIBIT (Sydney) School of IT Sydney Campus

COURSE NUMBER

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GROUP: 14

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FED UNI: IIBIT

COURSE NAME: IT Project 1

PROGRAM OF STUDY: Bachelor of Information Technology

TUTOR: Ahmad Saeed

TITLE OF ASSIGNMENT: Project Backlog

DUE DATE: 12th April 2020
2020

DATE SUBMITTED: 11th April

DECLARATION:

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-----Saurav Poudel-, Krisha Bista, Chandan Gurung, Anu Tamang, Vivek
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Signature of Student

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1. Theme and Wishlist

Theme: Design authorized user capable of generating useful user credentials to get into the website

Wishlist: Create and Store User recommendation in the database.

2. Incoming Product Backlog

User cases are given as below with their and priorities. User cases has different priorities as high, medium, and low.

ID	Requirements	Priority	Condition of Satisfaction
US1	As a user, I want to sign up using my credentials, so that I can go through the property's information.	Medium	When any user opens a website, the sign up/login option is available in the top right corner of the website.
US2	As a user, I want to login with my existing sign up details, so that I do not have to enter it every time I open the website.	Low	When any user signs up in the website, save login details option is shown.
US3	As a user, I want to enter street name, postcode, or suburb name, so that I can look for the properties in the area I want.	High	When any users are on main page of the website, they can enter their necessary details according to the property they want to look for.
US4	As a user, I want to contact the agent of the property that I am interested in, so that I can get more information about the next process.	High	Any existing user can select the property they are interested in and check for the contact details of the agent.
US5	As a user, I want to book inspection online from the website, so that I don't have to call the agent every time.	High	Any existing user can find book an inspection option, when they go inside the property they have chosen.
US6	As a user, I want to filter my search, so that its easier for me to choose according to the type of property I am searching.	Medium	When a user search for a property they can see the filter option at top of the page where they can choose what type of property they like to see.
US7	As a user, I want to put some of the properties that I like in favourites, so that its easier for me to come back later and see the properties that I have chosen.	Low	Near each property which are listed there is a favourites option and by clicking it the users can put the properties they like in their favourites list.

US8	As a user, I want to buy a property, so that its easier for me to settle to that area.	high	There will be option for the buy, sold or rent the property for the users. Where they can find the properties, they like.
US9	As a user, I want to know my property worth, so that I can know the value of my property investment and can get the advice.	high	As the real estate markets twists and turns, it helps to keep an eye on the value of the user property and know where they stand and helps arrange free market appraisal.
US10	As a user, I want my home loan details, so that I can get a loan through my property and get the loan to invest in something I like.	high	User can get the details of the home loan. It will provide the information about the time of repayments, principal and interest, comparison rate, stamp duty, lease payments, depreciation.
US11	As a user, I want to view the suburbs report, so that I can know which area sold more and which area is expensive or cheap.	high	User can know the numbers of sales, average price of the area, medium price, median rental price, change in rental rate and indicative gross yield.
US12	As a user, I want to meet the team of real state, so that I can talk with them clearly and know everything in detail.	medium	User can meet the property management and sales agent to talk about the property clearly.
US13	As a user, I want to rent my property, so that can get my income through my property.	high	User must put all the details of their property in order to rent it accordingly.
US14	As a user, I want to sell my property, so that I can buy a new property that I want.	high	User must put all the details of their property in order to sell it accordingly.
US15	As a user, I want to buy a property, so that I can live in my dream house.	high	User can find the buy button in the websites where they can find different types of property and choose the one, they like.

US16	As a user, I want to subscribe real state, so that I will be notify if there is any new property information	low	If users subscribe the website, then they will be notifying for any types of new details will be updated in the websites.
US17	As a user I want to view the property type, so that I can choose the house or apartment or villa.	high	There will be the button of the property type where user can view the types of property like house, apartment, townhouse, villa, land etc.
US18	As a user, I want to choose the minimum and maximum price of the property, so that I can go according to my budget.	high	User can put minimum and maximum price or budget on the website to choose the property.

S19	As a user, I want to see the latest blog, so that I can get some tips from real state expertise about buying and selling of properties.	high	User can get idea about buying and selling of properties from the real state expertise.
US20	As a user, I want to know about the real estate company and to verify whether the company is trustable or not, so that I can sell or buy any properties through the agent.	low	User can get all the information about the company and agents through Know about Us link.
US21	As a user I would like to invest some of the amount in rental share market, so that I can make some money.	low	User can easily invest their money in rental share market through the company.
US22	As a user, I would like to visit the Facebook and Instagram page of the company, so that I can see the latest update.	low	Users can easily navigate social icon from the website.
US23	As a user, I want to contact my agent, so that I can make an agreement.	medium	User can easily get all the contact information from Contact Me navigation.
US24	As a user, I want to request the company for assistance, so that I can discuss about buying, selling, and renting of properties.	medium	User can easily request for assistance if they want more information about any of the services.
US25	As a user, I want to request my agent to have pest control in my Unit	low	User can easily schedule an appointment for pest control through Apply for Pest Control navigation.
US26	As a user, I want to search some of the services directly from the home page, so that I can save my time.	high	User can search all the services provided by the real estate company directly form search navigation.
US27	As a user, I want to pay my agents online using the website, so that I do not have to visit the bank.	High	User can pay their agents or to the company directly from the website through Pay Amount navigation.

US28	As a branch manager, I want to put some information about our some of the services, so that our customer will get the latest update.	medium	Branch manager can update any of the services information using their personal login ID from Update information navigation.
US29	As a user, I want to visit property management department, so that I can make some deal with them.	Medium	User can visit property management department via Property Management nav.
US30	As a user, I want to know all the auctions available in coming weeks, so that I can book an appointment.	Low	User can view all the auction date directly from the Auction navigation from the web page.
US31	As a user, I want to book an appointment for auction, so that I can go for auction.	Low	Users can easily book an appointment form book an appointment navigation in Auction navigation.
US32	As a user, I want to read the landlord information guide, so that I can understand all the terms and condition of the landlord before buying or renting property.	Low	Users can find all the landlord information guide from Landlord Information Guide navigation.
US33	As a user, I want to upload the administration progress made so that I can notify the owners	High	Users can track the issues and progress made by the employees
US34	As a user, I want to generate the time to time reports so that it can be made available whenever demanded	high	Users can view weekly, fortnightly even monthly reports whenever they require.
US35	As a user, I want to upload information about time taken to complete specific work so that I can notify the respective party.	medium	Users can allocate the expenses made and required to complete a given task.
US36	As a user, I want to provide with suggestion box so that I can review and improvise	medium	Users can give the necessary feedback.

US37	As a user, I want a hybrid software, so that I can run the application in both platform	high	Users can use the application no matter the OS they are using
US38	As a user, I want to meet the team of real state, so that I can talk with them clearly and know everything in detail.	medium	Users can meet the property management and sales agent to talk about the property clearly.
Us39	As a user I want to create a hierarchical admin system so that security will be there	high	Users can view the details according to the hierarchical level
US40	As a user I want to create a system connecting mobile devices so that users can be notified.	High	Users can be reminded of upcoming schedule and progress

3. Sprint Backlog

Requirement	Conditions of satisfaction	Tasks & Estimates
US1 As a user, I want to sign up using my credentials, so that I can go through the property's information.	<p>Public user should sign in using their credentials, whenever they want to use the website.</p> <p>Only after the user provides their credential, they can explore and use the website properly. Database will automatically save their data, once signed in.</p>	<p>T1. There must be sign in button provided on the website. (Chandan-1 day)</p> <p>T2. User must be navigated to a page where they can provide their personal details. (Anu-1/2 day)</p>
US2 As a user, I want to login with my existing sign up details, so that I don't have to enter it every time I open the website.	<p>Once logged on the website, the user should be able to use the website without having signed up with their details again.</p> <p>The user can simply use their login ID to login and can enjoy using the website.</p>	<p>T3. The database must record every data of the user signing up, so that, the user does not have to sign up again and again. (Chandan-1 day)</p> <p>T4. Login button should be provided along with the Sign-up button.</p>

		(Saurav-1 day)
US3 As a user, I want to enter street name, postcode, or suburb name, so that I can look for the properties in the area I want	The user should be able to look up to the property in any area they like.	T5. Search button should be provided where the user can search the property either by the street name, postcode, or suburb name. (Krisha-1/2 day)
US4As a user, I want to contact the agent of the property that I am interested in, so that I can get more information about the next process.	Contacting with the agent should be easier and not be difficult. Whenever a customer wants to enquire about the property, they should be able to contact the agent via message or email.	Email button should be provided in every property a user visit. (Vibek-1/2 day)
US36 As a user, I want to provide with suggestion box so that I can review and improvise	The user should be able to write and post their experience about using the website.	Feedback buttons should be provided. (Anu-1 day) Submit button should be also provided for the feedback. (Krisha-1 day)
US17 As a user I want to view the property type, so that I can choose the house or apartment or villa.	The property must be classified under house, apartment, or villa category. The user should be able to search for the property according to their preferences.	Choices of choosing house, villa or apartment should be displayed in the homepage. (Saurav-1/2 day)

4. Review Meeting

Sprint 1: Helped in creating registered users having access to marketplace and chat board for further information's and can have the privilege to use the website to its full.

Data and Time: 4/06/2020, 06:00 pm

Venue: Zoom break down class (Group 14).

Minutes taken: Saurav Poudel

Agenda item 1: Demonstration feedback

- The home page should have a decent colour combination
- Users are to be suggested marketplace to look up different properties.
- Navigation should be clearly visible and should be on the right-top corner.
- Chat bots should be included for better assistance.
- Navigation should be kept simple.

Agenda item 2: Theme of next sprint

According to user experience, preferred property and inspection should be included. Property sales and property rentable should be well listed on the website so that it can be viewed remotely. Renting property and buying property should have different pages with clear navigation.

Data and Time: 4/06/2020, 07:00 pm

Venue: Zoom break down class (Group 14).

Minutes taken: Saurav Poudel

Agenda Item 3: Next Review meeting

Scheduled for 11/06/2020 at 02:00 pm

5. Retrospective meeting

Date and Time: 04/06/2020, 07:00 pm

Venue: Zoom break down class (Group 14).

Minutes taken: Krisha Bista

Item 1: What went well?

- Project handbook was finished as scheduled
- The users demo went accordingly
- The overall handbook was well written with all its primary objective

Item 2: What could be improved?

- Changes in any project plans should be informed to project manager.
- The more focus should be improved for the design team.
- The monitoring of the task should be done regularly by the leader.

- The documentation team should do the task well before the due dates.

Item 3: What can we do?

- ❖ The documentation should be started based on what is given in the template in the classroom by the teacher/supervisor.
- ❖ The test cases should be written before the code development.

Item 4: What is not in our control?

- The compatibility of the software is not known to the development team until the installation is made.
- Falling sick during the sprint/ absence in class.

6. Backlog grooming meeting

Date and time: 28/08/2019 1:00pm

Venue: Zoom break down class (Group 14).

My team accessed all the necessary backlog and listed some missing essential user stories that could affect the overall project goals. Listed below are the user stories to be added:

- **US 36 As a user, I would be able to login and logout from the Website.**
- **US 37 As an Admin, I would like to watch out my financial reports of the website.**

7. Statements of contribution

Name	Contribution
Chandan Gurung	Documentation of First Iteration sprints, individual User case for Sprints
Anu Tamang	Individual User case for Sprints, Website design and Architectures
Vivek Kumar Gupta	Individual User case for Sprints, Codes for each use case
Krishna Bista	Individual User case for Sprints, link website, layout of the website

8. References

1. 1. lecture. (2019, August). Project initial backlog. project initial backlog. sydney.
2. Atlassian. (2018, May 31). User Stories. Retrieved from <https://www.atlassian.com/agile/project-management/user-stories>
3. Product Backlog Grooming Best Practices: What it is and Why it's Critical. (2019). Retrieved 1 September 2019, from <https://medium.com/back-to-the-napkin/product-backlog-grooming-best-practices-what-it-is-and-why-its-critical-e1f290bdee78>