DELIVERY 2

Task 1 – Identifying and finding inconsistencies in the vision document

Time spent during the inspection: 55 minutes

Defects Table

Defect #	Location	Defect type	Classification	Description	Status	Date corrected
1	Page-2, sec 2.1	Omission	Major	Missing stakeholders affected by the problem, like brokers and system admins in problem statement		
2	Page-2, sec 2.2	Omission	Major	Missing target customers- brokers and system admins in Product position statement		
3	Page-3, sec3.1	Omission	Major	Missing Stakeholder information in the stakeholder summary		
4	Page-4,sec3.3	Unintelligbility	Minor	The information presented in the "User environnent" section is in paragraph, instead of short and precise bullet points, which can lead to slight issue in understanding the content.		
5	Page 5, sec3.4	Omission	Minor	Missing some user needs like secure login, robustness of the application, feature of adding and removing broker etc.		
6	Page 5, sec4.1	Inadequacy	Major	The diagram lacks sufficient details and explanation. It doesn't adequately explain the relationships between the entities (broker, sys admin, and buyer) or the flow of the process.		
7	Page 5, sec4.2	Inadequacy	Minor	The assumption and dependencies given are more 'general' in nature. It should be specific to user requirements and does not adequatly explain the details.		
8	Page 6, sec5	Omission	Major	Some core features are missing, like password recovery, notifications, feedbacks etc.		
9	Page 7, sec 6	Omission	Minro	Some hardware and standard features are missing.		
8	Page 2, sec 2.1	Ambiguity	Major	The statement "It also allows the broker to efficiently list all their properties in the province" is ambiguous. The word		

				efficiently does not clearly state in what ways the listing would be made efficient.		
9	Page 4, sec 3.3	Noise	Minor	The word 'scale' in the context of scaling the application does not provide enough information about distributed server implementation in the problem world feature.		

Inconsistency Table

Time spent during the inspection: 90 minutes

No	Location	Inconsistency type	Classification	Description	Status	Date corrected
1	Stakeholder Summary (Section 3.1) S1:The **customers** will create their accounts with the REB+ web application, following which they can log into their accounts and search for homes/properties. S2: They will work closely with other **users** and especially customers while understanding system requirements.	Terminology clash	Weak	The term 'customers' are referred as 'users' in the responsibnilities of development team. S2 specifies users and the customers again, instead of just customer to be specific.		
2.	Key Stakeholder (Section 3.4) S3: **A user-friendly platform** with powerful search feature, supported by filters based on popular **user** criteria like price, number of rooms, area, year built etc.	Designation Clash	Weak	The term user here is not specific. One stakeholder can interpret this as customer friendly, while another stakeholder might interpret it as broker, or system admin		
3	Key Stakeholder (Section 3.4)	Terminology Clash	Weak	The same concept of users		

	S4: REB+ provides an online platform with worldwide reach to potential **clients**. It allows broker to post customized ads which they can modify anytime S5:**Users** can directly view broker's updated availability, and book online meetings directly and get it confirmed quickly			are given different names as 'users' and 'clients' in the respective two statements S4 and S5.		
	Other Product Requirement (Section 6) S6: Recovery from failure should mean that **user's** are able to resume from where they left off. There should be no loss of **consumer** data.	Terminology Clash	Weak	Again, the concept of potential user have been referred by two terms 'users' and 'consumers'.		
	User Summary (Section 3.2) S7: Once logged in, they can search for residential properties directly and schedule property viewings. Product Features (Section 5) S8:Homebuyers can fix an appointment with the broker.	Structural Clash	Weak	The concept of 'viewing a selected property' is described in different structure in statement S7 and S8. S7 refers it as 'scheduling property viewing' while S8 refers to it as 'fixing an appointment' with the broker.		

Other comments/recommendations:

1. The statement "The platform should be scalable, and should be able to handle increasing number of users without any performance degradation." in section 6 is indeed a desirable property, although, it exhibits Strong conflict. The platform should be scalable to accommodate a growing number of users, but ensuring no performance degradation in a distributed system presents a challenge.

TASK 2 - Task 2 – Documenting conflicts

Statements

1. S1: The **customers** will create their accounts with the REB+ web application, following which they can log into their accounts and search for homes/properties.
2. S2: They(developer team) will work closely with other **users** and especially customers while understanding system requirements.
3. S3: **A user-friendly platform** with powerful search feature, supported by filters based on popular **user** criteria like price, number of rooms, area, year built etc.
4. S4: REB+ provides an online platform with worldwide reach to potential **clients**. It allows broker to post customized ads which they can modify anytime.
5. S5: **Users** can directly view broker's updated availability, and book online meetings directly and get it confirmed quickly.
6. S6: Recovery from failure should mean that **user's** are able to resume from where they left off. There should be no loss of **consumer** data.
7. S7: Once logged in, they can search for residential properties directly and **schedule property viewings.**
8. S8: Homebuyers can **fix an appointment** with the broker.

Statements	S1	S2	S3	S4	S5	S6	S7	S8	Total
S1	0	0	1000	1	0	0	1000	0	2001
S2	0	0	1000	1	1000	1000	0	0	3001
S3	1000	1000	0	1	1000	0	1000	1	4002
S4	1	1	1	0	1	1	1	1	7
S5	0	1000	1000	1	0	1	0	1	2003
S6	0	1000	0	1	1	0	0	0	1002
S7	1000	0	1000	1	0	0	0	1000	3001
S8	0	0	1	1	1	0	1000	0	1003
Total	2001	3001	4002	7	2003	1002	3001	1003	16020

Pairs

S1-S4, S2-S4, S2-S8, S3-S4, S3-S8, S4-ALL, S5-S4, S5-S6, S5-S8,S6-S4,