REQUIREMENTS TRACEABILITY MATRIX

We divided the matrix into smaller ones to fit the document. They are classified by each Class:

• Application

	Functional elements of the class Application											
Requirements	searchZipCode	searchStartingDate	searchOfferType	searchBooked	searchPaid	searchAvgRating	login	logout	addOffer	removeOffer	banUser	unbanUser
1.1 1.2			х									
	х											
1.3		Х										
2.1			х									
	х											
2.3		х										
2.4												
2.5						х						
2.6					Х							
2.7				х								
2.8							Х					
2.9								х				
2.10												
2.11												
3.1												
3.2									х			
3.3												
3.4 3.5												
										х		
3.6												
4.1												
4.2												
4.3												
4.4												
4.5												
4.6												
4.7												
5.1											х	
5.2												
5.3 5.4												
5.4												
5.5										х		

• Comment

	Functional elements of
	the class Comment
Requirements	addReply
1.1	
1.2	
1.3	
2.1	
2.2	
2.3	
2.4	
2.5	
2.6	
2.7	
2.8	
2.9	
2.10	
2.11	
3.1	
3.2	
3.3	
3.4	х
3.5	
3.6	
4.1	
4.2	
4.3	
4.4	х
4.5	
4.6	х
4.7	
5.1	
5.2	
5.3	
5.4	
5.5	

Guest

class Guest	Functional elements of the
	class Guest

Requirements	isHost	isGuest
1.1		
1.2		
1.3		
2.1		

2.2	
2.3	
2.4	
2.5	
2.6	
2.7	
2.8	
2.9	
2.10	
2.11	
3.1	
3.2	
3.3	
3.4	
3.5	
3.6	
4.1	
4.2	
4.3	
4.4	
4.5	
4.6	
4.7	
5.1	
5.2	
5.3	
5.4	
5.5	

• HolidayOffer

Functional elements of the class HolidayOffer

	class fromday offici			
Requirements	modifyOffer	payOffer		
1.1				
1.2				
1.3				
2.1				
2.2				
2.3				
2.4				
2.5				
2.6				
2.7				
2.8				
2.9				

	1	•
2.10		
2.11		
3.1		
3.2		
3.3		
3.4		
3.5		
3.6	х	
4.1		
4.2		х
4.3		х
4.4		
4.5		
4.6		
4.7		
5.1		
5.2		
5.3		
5.4		
5.5		

Host

	Functional elements of the class Host			
Requirements	isHost	isGuest	addHouse	
1.1				
1.2				
1.3				
2.1				
2.2				
2.3				
2.4				
2.5				
2.6				
2.7				
2.8				
2.9				
2.10				
2.11				
3.1			х	
3.2				
3.3				
3.4				
3.5				
3.6				
4.1				

	_	_
4.2		
4.3		
4.4		
4.5		
4.7		
5.2		
5.1 5.2 5.3		
5.4		
5.5		

• House

	Functional elements of
	the class House
Requirements	addCharacteristic
1.1	
1.2	
1.3	
2.1	
2.2	
2.3	
2.4	
2.5	
2.6	
2.7	
2.8	
2.9	
2.10	
2.11	
3.1	х
3.2	
3.3	
3.4	
3.5	
3.6	
4.1	
4.2	
4.3	
4.4	
4.5	
4.6	
4.7	
5.1	
5.2	

5.3	
5.4	
5.5	

• LivingOffer

Functional elements of the class LivingOffer

-	Class LivingOffer	1
Requirements	modifyOffer	payOffer
1.1		
1.2		
1.3		
2.1		
2.2		
2.3		
2.4		
2.5		
2.6		
2.7		
2.8		
2.9		
2.10		
2.11		
3.1		
3.2		
3.3		
3.4		
3.5		
3.6	х	
4.1		
4.2		x
4.3		x
4.4		
4.5		
4.6		
4.7		
5.1		
5.2		
5.3		
5.4		
5.5		
	•	•

• Offer

			Functio	nal element	ts of the class	s Offer		
Requirements	modifyOffer	deleteOffer	bookOffer	payOffer	rateOffer	approveOffer	notifyOffer	notifyComment
1.1								
1.2								
1.3								
2.1								
2.2								
2.3								
2.4								
2.5								
2.6								
2.7								
2.8								
2.9								
2.10								
2.11								
3.1								
3.2								
3.3								
3.4								
3.5		x						
3.6	x							
4.1			х					
4.2				х				
4.3				Х				
4.4								
4.5								
4.6					х			
4.7					х			
5.1								
5.2								
5.3						х		
5.4		х						
5.5								

• Opinion

Functional elements of the class Opinion

	class Opinion		
Requirements	addReply	notifyReply	
1.1			
1.2			
1.3			
2.1			
2.2			
2.3			
2.4			
2.5			
2.6			
2.7			
2.8			
2.9			
2.10			
2.11			
3.1			
3.2			
3.3			
3.4	х		
3.5			
3.6			
4.1			
4.2			
4.3			
4.4			
4.5	х		
4.6	х		
4.7	х		
5.1			
5.2			
5.3			
5.4			
5.5			

• RegisteredUser

Functional elements of the class RegisteredUser

	1100101010101		
Requirements	changeCreditCard	isHost	isGuest
1.1			
1.2			
1.3			
2.1			

	,		
2.2			
2.3			
2.4			
2.5			
2.6			
2.7			
2.8			
2.9			
2.10			
2.11			
3.1			
3.2			
3.3			
3.4			
3.5			
3.6			
4.1			
4.2			
4.3			
4.4			
4.5			
4.6			
4.7			
5.1			
5.2	х		
5.3			
5.4			
5.5			
Reservation	·	•	•

	Functional eleme	nts of the class Rese	ervation
Requirements	makeReservation	cancelReservation	payReservation
1.1			
1.2			
1.3			
2.1			
2.2			
2.3			
2.4			
2.5			
2.6			
2.7			
2.8			
2.9			
2.10			

	1	1	1
2.11			
3.1			
3.2			
3.3			
3.4			
3.5			
3.6			
4.1	х		
4.2		х	
4.3			
4.4			
4.5			
4.6			
4.7			
5.1			
5.2			
5.3			
5.4			
5.5			
	•	•	•