

Product Deliverables	Task	Đỗ Ngọc Hoàng	Trần Quang Trường	Đoàn Minh Đức	Unit	Size
Report1 - Introduction	Project Information	0				
	Introduction			0		
	Current Situation		0			
	Problem Definition	0				
	Proposed Solution	0				
	Functional Requirements			0		
	Role and Responsibility			0		
Report2- Software Project Management Plan	Problem Definition			0		
	Project organization	0				
	Project Management Plan	0				
	Coding Convention		0			
Report 3- Software Requirement Specification	User Requirement Specification	0				
	<b>System Requirement Specification</b>					
	External Interface Requirement		0			
	System Overview Use Case		0			
	<b>List of Use Case</b>					
	<b>Unauthorized User</b>					
	<Unauthorized User> Login (GBTS01)	0				
	<Unauthorized User> Activate account (GBTS02)		0			
	<b>Authorized User</b>					
	<Authorized User> Edit profile (GBTS03)		0			
	<Authorized User> Logout (GBTS04)		0			
	<b>Passenger</b>					
	<Passenger>Get NFC card (GBTS05)	0				
	<Passenger>Add credit (GBTS06)	0				
	<Passenger>Edit card name (GBTS07)	0				
	<Passenger>Get outcome report (GBTS08)	0				
	<Passenger>Find bus (GBTS09)		0			
	<Passenger>Get route (GBTS10)		0			

	<Passenger>Look up bus route (GBTS11)		0			
	<Passenger>Register subscription (GBTS12)	0				
	<Passenger>Cancel subscription (GBTS13)	0				
	<b>Staff</b>					
	<Staff> Add card (GBTS14)		0			
	<Staff> Activate/Deactivate card (GBTS15)		0			
	<Staff> Search passenger (GBTS16)		0			
	<Staff> Edit passenger (GBTS17)		0			
	<Staff> Publish scratch cards (GBTS18)		0			
	<b>Manager</b>					
	<Employee> Add ticket type (GBTS19)			0		
	<Employee> Edit ticket type (GBTS20)			0		
	<Employee> Delete ticket type (GBTS21)			0		
	<Employee> Add credit plan (GBTS22)			0		
	<Employee> Edit credit plan (GBTS23)			0		
	<Employee> Delete credit plan (GBTS24)			0		
	<Employee> Get income report (GBTS25)			0		
	<Employee> Create promotion (GBTS26)			0		
	<b>Admin</b>					
	<Admin> Search account (GBTS27)			0		
	<Admin> Add account (GBTS28)		0			
	<Admin> Activate/Deactivate account (GBTS29)	0				
	<b>Auto Handler</b>					
	<Auto Handler> Parse bus route (GBTS30)	0				
	<Auto Handler> Suggest promotion (GBTS31)	0				
	<Auto Handler> Send notification (GBTS32)	0				
	<b>Emulator</b>					
	<Emulator> Write card (GBTS33)			0		
	<Emulator> Verify ticket (GBTS34)			0		
	Software System Attribute			0		
	Conceptual Diagram	0				
Report 4- Software Design Description	Design Overview		0			
	<b>System Architectural Design</b>					
	Web Application Architecture Description	0				
	Web Service Architecture Description	0				
	Mobile Application Architecture Description	0				
	Component Diagram	0	0	0		

<b>Detailed Description</b>					
Class Diagram	0	0	0		
Class Diagram Explanation			0		
<b>Implement</b>					
<b>Website</b>					
<b>Unauthorized User</b>					
<Unauthorized User> Activate account		0			2
<b>Authorized User</b>					
<Authorized User> Edit profile		0			1
<b>Passenger</b>					
<Passenger>Get NFC card	0				2
<Passenger>Add credit	0				4
<Passenger>Edit card name			0		1
<Passenger>Get outcome report		0			3
<Passenger>Find bus		0			3
<Passenger>Get route		0			3
<Passenger>Look up bus route		0			3
<Passenger>Register subscription	0				2
<Passenger>Cancel subscription	0				2
<b>Staff</b>					
<Staff> Add card			0		3
<Staff> Activate/Deactivate card			0		1
<Staff> Search passenger			0		1
<Staff> Edit passenger	0				1
<Staff> Publish scratch cards	0				3
<b>Manager</b>					
<Employee> Add ticket type		0			1
<Employee> Edit ticket type		0			1
<Employee> Delete ticket type		0			1
<Employee> Add credit plan			0		1
<Employee> Edit credit plan			0		1
<Employee> Delete credit plan			0		1
<Employee> Get income report	0				3
<Employee> Create promotion	0				1
<b>Admin</b>					
<Admin> Search account		0			1
<Admin> Add account	0				1

	<Admin> Activate/Deactivate account			0		1
	<b>Auto Handler</b>					
	<Auto Handler> Parse bus route	0				3
	<Auto Handler> Suggest promotion	0				2
	<Auto Handler> Send notification		0			3
	<b>Emulator</b>					
	<Emulator> Write card			0		5
	<Emulator> Verify ticket			0		5
	<b>Interface</b>					
	Component interface	0				
	<b>User Interface Design</b>					
	Web Application Design	0				
	Unauthorized User		0			
	Authorized User			0		
	Passenger		0			
	Staff	0		0		
	Manager			0		
	Admin	0				
	<b>Mobile Application Design</b>					
	Passenger		0			
	Staff Application			0		
	<b>Emulator Application Design</b>			0		
	<b>Database Design</b>					
	Entity relationship diagram (ERD)	0	0	0		
	Data Dictionary			0		
	<b>Algorithms</b>					
	AES Encryption	0				
	Token Authentication		0			
Report 5 - Software Implementation and Test Document	Introduction			0		
	<b>Database Relationship Diagram</b>					
	Physical Diagram	0	0	0		
	Data Dictionary	0				
	<b>Performance Measures</b>					
	Web application page load speed	0				
	Mobile API speed		0			
	Test Plan			0		
	<b>System Testing Test Case</b>					

	Communication Diagram	0		0		
	<b>Test Cases</b>					
	Web Application Test Cases					
	<Unauthorized User> Login	0				
	<Staff> Add card			0		
	<Staff> Activate/Deactivate card	0				
	<Passenger>Add credit	0				
	<b>Mobile application Test Cases</b>					
	<Passenger>Login		0			
	<Passenger>Add credit		0			
	<Passenger>Buy ticket by phone		0			
	<Passenger>Top up card		0			
	<Emulator>Verify ticket			0		
	<Emulator>Verify mobile ticket			0		
Report 6 - Software User's Manual	<b>Installation Guide</b>					
	Setting up environment at server side		0			
	Web Application Deployment Process		0			
	Setting up environment at client side	0				
	<b>User Guide</b>					
	<b>Website</b>					
	Employee			0		
	Manager			0		
	Admin			0		
	<b>Mobile Application</b>		0			