No.	Product Deliverables	Task	LongDB	LuLP	TungNT	DucNT
		Current Delivery System	0			
		Proposed Solution		O		
		Scope Definition and Main Success Criteria				0
		Approaches			0	
		Functional Requirement	0			
	Report2- Software Project	Problem Definition				0
2	1 *	Project organization			О	
	Management Plan	Project management plan	0			
		User Requirement Specification	0			
		System Requirement Specification				
		External Interface Requirements		О		
		Main flow overviews			О	
		Functional Requirement:				
		Register (use case specification)				0
		Post request (use case specification)				0
		Cancel Request (use case specification)			О	
		View request detail (use case specification)				0
		Payment (use case specification)	0			
		Tracking package (use case specification)			О	
		Rating (use case specification)				0
		Comment (use case specification)				0
		Define fees value (use case specification)		0		
		Edit fees value (use case specification)		О		
		Create new staff account (use case specification)		О		
		Edit account information (use case specification)		О		
		Delete account (use case specification)		О		
		Statistics (use case specification)			О	
		Delete comment (use case specification)				О
		Clear rating (use case specification)				О

	Approve request(s) (use case specification)			О	
	Reject reques(s) (use case specification)			О	
	Assign package(s) (use case specification)		0		
Report 3- Software	Update package(s) status (use case specification)			0	
Requirement Specification	Create schedule (use case specification)	0			
	Create trip (use case specification)	0			
	Delete trip (use case specification)	0			
	Add new station (use case specification)			О	
	Edit station information (use case specification)			О	
	Add new route (use case specification)				0
	Delete route (use case specification)				0
	Add new coach (use case specification)		0		
	Edit coach information (use case specification)		О		
	Delete coach (use case specification)		0		
	Input invoice			О	
	Update status of new trip				О
	Update status of arrival trip				0
	Update status of departed trip		0		
	Manage expired request		О		
	Manage late request	0			
	View request on way and request delivered	0			
	Edit request information			0	
	Non-functional requirements				
	Reliability				0
	Availability	0			
	Security			О	
	Maintainability		0		
	Portability	0			
	Entity Relationship Diagram				О
	Design Overview	0			
	System Architectural Design	О			
	Class diagrams				

Report 4- Software Design Description

Class diagram for entity classes Class diagram for repository classes Class diagram for business logic classes Class diagram for algorithms processing classes Class specification (states, behaviors) Entity classes Algorithms processing classes O Data repository classes O Data repository classes O Data repository classes O Component Diagram Behavioral Diagrams State Machine Diagram: Request Status Transition State Machine Diagram: Package Status Transition O State Machine Diagram: Send Delivery Request Online Payment O Tracking Packages Review and Feedback Approve Request(s) Create Schedule Create Trip Assign Package(s) Package(s) In-transit O Package(s) Arrived Package(s) Return O Late Payment Request(s) Create Fee CreateStaff O User Interface Design Database Design					
Class diagram for business logic classes O Class diagram for algorithms processing classes O Class specification (states, behaviors) Entity classes Algorithms processing classes O Data repository classes O Business logic classes O Component Diagram O Behavioral Diagrams O State Machine Diagram: Request Status Transition O State Machine Diagram: Package Status Transition O Sequence Diagram: O Send Delivery Request O Online Payment O Tracking Packages O Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O Create Fee O CreateStaff O User Interface Design <	Class diagram for entity classes				О
Class diagram for algorithms processing classes O Class specification (states, behaviors) Entity classes Algorithms processing classes O Data repository classes O Business logic classes O Component Diagram O Behavioral Diagrams O State Machine Diagram: Request Status Transition O State Machine Diagram: Package Status Transition O Sequence Diagram: O Send Delivery Request O Online Payment O Tracking Packages O Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	Class diagram for repository classes	0			
Class specification (states, behaviors) Entity classes Algorithms processing classes O Data repository classes O Business logic classes O Component Diagram O Behavioral Diagrams O State Machine Diagram: Request Status Transition O State Machine Diagram: Package Status Transition O Sequence Diagram: O Send Delivery Request O Online Payment O Tracking Packages O Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	Class diagram for business logic classes			О	
Entity classes Algorithms processing classes Data repository classes Business logic classes Component Diagram Behavioral Diagrams State Machine Diagram: Request Status Transition State Machine Diagram: Package Status Transition Sequence Diagram: Send Delivery Request Online Payment Online Payment Tracking Packages Review and Feedback Approve Request(s) Create Schedule Create Trip Assign Package(s) Package(s) In-transit Package(s) Arrived Package(s) Return Late Payment Request(s) Create Fee CreateStaff User Interface Design	Class diagram for algorithms processing classes		0		
Algorithms processing classes Data repository classes Business logic classes Component Diagram Behavioral Diagrams State Machine Diagram: Request Status Transition State Machine Diagram: Package Status Transition Sequence Diagram: Send Delivery Request Online Payment Tracking Packages Review and Feedback Approve Request(s) Create Schedule Create Trip Assign Package(s) Package(s) In-transit Package(s) Arrived Package(s) Return Late Payment Request(s) Create Send Create Staff O Create Staff O Create Staff O Create Staff O Create Interface Design	lass specification (states, behaviors)				
Data repository classes O Business logic classes O Component Diagram Behavioral Diagrams State Machine Diagram: Request Status Transition O State Machine Diagram: Package Status Transition O Sequence Diagram: O Send Delivery Request O Online Payment O Tracking Packages O Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design	Entity classes				О
Business logic classes Component Diagram Behavioral Diagrams State Machine Diagram: Request Status Transition State Machine Diagram: Package Status Transition O State Machine Diagram: Package Status Transition Sequence Diagram: Send Delivery Request Online Payment Tracking Packages Review and Feedback Approve Request(s) Create Schedule Create Trip O Assign Package(s) Package(s) In-transit Package(s) Arrived Package(s) Arrived Package(s) Return Late Payment Request(s) Create Fee CreateStaff O User Interface Design	Algorithms processing classes		0		
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State Machine Diagram: Request Status Transition O State Machine Diagram: Package Status Transition O Sequence Diagram: O Send Delivery Request O Online Payment O Tracking Packages O Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	omponent Diagram				О
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Review and Feedback O Approve Request(s) O Create Schedule O Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	Online Payment	0			
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Create Trip O Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	Approve Request(s)			О	
Assign Package(s) O Package(s) In-transit O Package(s) Arrived O Package(s) Delivered O Package(s) Return O Late Payment Request(s) O CreateFee O CreateStaff O User Interface Design O	Create Schedule	0			
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User Interface Design	CreateFee		O		
	CreateStaff		О		
Database Design	User Interface Design				0
	Database Design				
Logical Database Design O	Logical Database Design	0			

	Physical Database Design	0			
	Setup Environtment	0			
	Back-end Module				
	Staff Sub-Module				
	Coach Management				0
	Coach Type Management		0		
	Route Management			0	
	Stage Management				0
	Schedule Management				
	- Create Schedule	0			
	- Edit Schedule	0			
	- Delete Schedule	0			
	Trip Management				
	- Create Trip (s)	0			
	- Edit Trip	0			
	- Delete Trip	0			
	Request/Package Management				
	- Approve Request(s)			0	
	- Assign Package(s)		0		
	- Update Package(s) Status			О	
	- Prepare For Return Package(s)			О	
	- Cancel Package(s)			О	
	System Admin Sub-Module				
	Account Management		0		
	Statistics			О	
	Comment Management				C
	Rating Management				(
	Manage Fee		0		
	Front-end Module				
	Login/Logout				C
	Update user information				C
Report 5 - Software	Register				0

5 Impl	lementation and Test	Post Request				
	Document	Manage Request				
		Online payment	0			
		Tracking Package			О	
		Comment & Rating				
		Physical database implementation		0		
		System Overview and Test Approach	0			
		Test plan	0			
		Write Test case				
		Post Request				
		Online payment	0			
		Tracking Package			0	
		Feedback				
		Approve Request(s)			0	
		Assign Package(s)		О		
		Prepare For Return Package(s)			О	
		Create Schedule	0			
		Create Trip	0			
		Manage Fee		О		
		Statistics			0	
		Perform Testing				
		Post Request				
		Online payment	0			
		Tracking Package			О	
		Feedback				
		Approve Request(s)			О	
		Assign Package(s)		0		
		Prepare For Return Package(s)			0	
		Create Schedule	0			
		Create Trip	0			
		Manage Fee		О		
		Statistics			0	

			Installation Guide		O	
	6	Report 6 - Software User's	User's Guide			
	0	Manual	User's Guide For Guests and Customers	0		
			User's Guide For Staffs and System Admins	О		

Notes

No.		Function Types	Function Point Size
	1	Insert, Delete, Update,	
		Simple Search, Login,	
		Register, simple function or	1
		Computed functions or	
	2	joined query	2
		Complex functions or	
	3	multiple subquery	3
		Constraint process and data	
	4	integrity	4
		Functions with	
	5	implementing algorithms	5

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