3. Project Planning

3.1 Overview of the Work Breakdown Structure (DDT)

D. No	Deliverable	Approved By	Resources	Activities	WP
D0.1 Project Planning	Document	Client	Project Manager, Specialized Software Tools, Text Editor	A0.1. Information Gathering A0.2. Analyze information A0.3. Labor Resources A0.4. Implement PM tools A0.5. Prepare Document A0.6. Request for Approval (Client)	WP0
D1.2 Analysis	Document	Project Manger	Development Team, Systems Analyst, Project Manager, Customers, Users, Chart Developing & Displaying Tools, Slide Show Designing Tools	A1.1. Information Gathering A1.2. Information Evaluation A1.3. Reports Preparation A1.4. Request for Approval (PM) A1.5. Revise & Reschedule A1.6. PM Single Document Preparation A1.7. Specifications Document Distribution to Development Team and Familiarize	WP1
D2.1 Design	Document	Client	Development Team, Systems Analyst, Project Manager, Network Simulation Tools, Database Design Tools, Chart Developing & Displaying	A2.1. Information Gathering and Work Scheduling A2.2. Design of Prototypes and Implementation of Prototypes A2.3. Results Reports Preparation A2.4. Reports Evaluation (PM) and Revision-Rescheduling if needed A2.5. PM Prepares Crew Reports A2.6. Documentation of the Prototype A2.7. Demonstration To Client – Client Settles Final Tests A2.8. Iterative Steps Until Client's Approval	WP2

			Tools, Slide Show Tools Designing Tools, Graphics Illustration Tools		
D3.1.1	System's Hardware	Project Manager	Hardware Assemblage Specialists, Project Manager	A3.1.1.1. The hardware components are centralized A3.1.1.2. Assemblage of the components is delivered. A3.1.1.3. A server application will be installed and the system will be tested A3.1.1.4. Tests for consistency are appended A3.1.1.5. Test Results are concluded and reported to PM A3.1.1.6. Test results are evaluated	WP3 / wp3.1
D3.1.2	System's Hardware Documentation	Project Manager	Hardware Assemblage Specialists, Project Manager	A3.1.2.1. Report of the system's hardware specifications document	WP3 / wp3.1
D3.2.1	System's Servers Configuration	Project Manager	Server Administrators, Security Specialists, Project Manager	A3.2.1.1. Configure the servers A3.2.1.2. Design configuration & security tests A3.2.1.3. Apply configuration & security tests A3.2.1.4. Make reports on test results and deliver to PM A3.2.1.5. PM Evaluates test results	WP3 / wp3.2
D3.2.2	Servers Configuration Document	Project Manager	Server Administrators, Security Specialists, Project Manager	A3.1.2.2. Reports of Servers configuration for documentation	WP3 / wp3.2
D3.3.1	Network Implementation & Configuration	Project Manager	Network Designers, Server Administrators, Security	A3.3.1.1. Construction of the network A3.3.1.2. Configuration of the network components and security A3.3.1.3. Design of the	WP3 / wp3.3

			Specialists, Project Manager	configuration and security tests A3.3.1.4. Apply the configuration & security tests A3.3.1.5. Gathering of results and reporting to PM A3.3.1.6. Evaluation of test results by the PM A3.3.1.7.	
D3.3.2	Network Design & Configuration Document	Project Manager	Network Designers, Server Administrators, Security Specialists, Project Manager	A3.3.2.1. Reports of the Network Infrastructure, Components specifications, Nodes configuration and security, all for documentation	WP3 / wp3.3
D3.4.1	Database Implementation	Project Manager	Database Designers, Server Administrators, Systems Analysts, Project Manager	A3.4.1.1. Database Development and functionality in request delivered A3.4.1.2. Installation of the Database on the Server A3.4.1.3. Design tests for the functional adequacy and consistency of the database. A3.4.1.4. Test the interoperability of the database A3.4.1.5. Gather and report the results to the PM A3.4.1.6. Evaluate the results by the PM	WP3 / wp3.4
D3.4.2	Database Development & Operation Document	Project Manager	Database Designers, Server Administrators, Systems Analysts, Project Manager	A3.4.1.1 Prepare the documentation of the database design and functional keys for making use of it's operation	WP3 / wp3.4
D3.5.1	Software Development	Project Manager	Software Developers, Database Designers, Security Specialists, System Analysts, Project	A3.5.1.1. Prepare the information for the development of the code A3.5.1.2. Hard coded development of the application's functionality A3.5.1.3. Debugging of the development code A3.5.1.4. Installation of the appropriate frameworks on the	WP3 / wp3.5

			Manager	servers A3.5.1.5. Integration of the application on the servers A3.5.1.6. Prepare tests for challenging the functional efficiency of the application A3.5.1.7. Gather tests results and reported to PM A3.5.1.8. Evaluation of the results A3.5.1.9. Preparation for documentation of the interoperability of the application	
D3.5.2	Software Development Documentation	Project Manager	Software Developers, Database Designers, Security Specialists, Project Manager	A3.5.2.1. Documentation provided for developers	WP3 / wp3.5
D3.5.3	Software Documentation for Users	Project Manager	Software Developers, Project Manager	A3.5.2.2. Preparation for a manual documentation of the appropriate use of the application by the users (all distinct groups of employees-clients-partners)	WP3 / wp3.5
D3.6.1	Documentation of the System's Security	Project Manager	Security Specialists	A3.6.1.1. Prepare of the documentation of the security incorporated in the system by gathering of all security tests applied on the application on the above developments phases	WP3 / wp3.6
D3.7.1	Design of the Application	Project Manager	Software Graphical Designers, Software Developers, Project Manager	A3.7.1.1. Gathering of information about the application A3.7.1.2. Preparation of 2-3 alternative visual environments A3.7.1.3. Demonstration of results to PM A3.7.1.4. Actual Design of the Application	WP3 / wp3.7
D3.7.2	Electronic Delivery of Logos	Project Manager	Software Designers	A3.7.2.1. All logos, graphics, illustrations will also be provided in display mode and high resolution files	WP3 / wp3.7
D3.7.3	Documentation	Project	Software	A3.7.3.1 Preparation for the Delivery	WP3 /

	of Graphical Design	Manager	Designers	of the document	wp3.7
D3.1	The System in total	Client	All the Development Team, System Integrators, System Analyst	A3.1.1 All of the above Activities	WP3
D4.1	Reports with Test Results	Client	Project Manager	A4.1.1. Discussion with company and agreement on the final tests the will challenge the application's adoption on time. A4.1.2. Preparation of tests by the development team A4.1.3. Generate the tests on the application A4.1.4. Analyze the results and prepare for reporting A4.1.5. Demonstration of the test results to Company	WP4
D4.2	Dispatched Test by Client	Client	-	A4.1.6. Client invokes the pre-designated tests.	WP4