WBS - Proyecto NDS							
Project Definition		**Project Development**		**Validation**		**Deployment**	

1. Scope
  1.1. Requirement Definition
    1.1.1. Functional
    1.1.2. Non-Functional
  1.2. System Map
  1.3. Epics
	All	1. Project Initialization
		  1.1. Set up working env
		  1.2. Install Dependencies
		  1.3. Configure Source Control
			K & S
			K & S
			K & S
				1. Beta Testing
				  1.1. Unit Test
				  1.2. Integral Test
				  1.3. White Box Testing
				  1.4. Black Box Testing
				  1.5. General
				Pentesting Round
					K & R & S
					K & R & S
					K & R & S & M
					K & R
					K & M
						1. Feedback	All

2. Design
  2.1. Tech Stack Definition
  2.2. Architecture Diagram
  2.3. User Stories
  2.4. Process Diagram
	All	2. Backend
		  2.1. Payment Implementation
		  2.2. Design data structures
		  2.3. API Creation
		    2.3.1. End-points design
		    2.3.2. Database Connection
		  2.4. Hooks for account creation
		  2.5. Hooks for data visualisation
		  2.6. Roles implementation
		    2.6.1. Hierarchy Implementation
		    2.6.2. Access Restriction
		    2.6.3. Principle of Least Privilege and filtering
		  2.7. Front-end Connection
			A & S & K
			A & S
			A & S & M
			
			A & S
			A & S
			A & S & K & M
			
			A & S & K & R
						2. Debugging	All

3. Documentation
  3.1. Budgeting
  3.2. SRS
	All
	K
		3. Frontend
		  3.1. Wireframe design
		  3.2. App Mock-up
		  3.3. React Implementation
		  3.4. Views for roles
		  3.5. Local Asset Sourcing
			R
			R & K
			M& K & S & R
			R & K & S
			R & K
						3. Cloud Deployment	M & S

		4. Database
		  4.1. Database Design
		    4.1.1. Class Diagram
		    4.1.2. Entity-Relation Diagram
		  4.2. Database Programming
		  4.3. Database Implementation
			K & R
			K & R & M
			K & R & M
						4. Product Deployment	R & S

	5. Security
	  5.1. Web Traffic Encryption
	  5.2. User Credentials Encryption
	  5.3. Implementation of JWS Tokens
	  5.4. Implementation of Google OAuth
	  5.5. Endpoint authorization and authentication
	  5.6. Database data encryption
	  5.7. Data Integrity Protection
	  5.8. Permision Restriction in Database
	  5.9. Database Backup Implementation
		A & M
		A & M
		
		A & M
		
		A & M
		
		A & M
		
		A & M
		
		A & M
		A & M
		
		K & A & M			