Step	Category	Task	Task Sub Items	Win	IOS	Web
1	User Interface	Create Base Application	• Menu bar • New, Open • Save, Save As • Preferences • Basic Edit Commands • Print • ToolBars (Standard & Edit) • Status Bar • Navigation Panel • ToolBox • Search and Replace tools • Help Menu Items • Window Menu Items	2W	2W	2W
2	User Interface	Some Adv. Features	• Live Error Check • Tooltips • Text Suggestion • Subitem Combos • Comment • Folding • Auto Arrange	3W	4W	3W
3	User Interface	UI Improvement	• Font & Color Set • Zoom Ability • Dark Mode • Import & Export Settings and Interface • Auto Color the Codes based on the Type • Dockable Windows • Line Numbers and Signs	2W	3W	3W
4	Security	Encryption Engine	• A completely new and different method to Encrypt and Decrypt the code to Hex System		2W	
5	Compile	Command-List Window	• Run Preview Window • Executable Commands Standard Start • Run Status SubWindow • Event Handler		3W	
6	Syntax	Syntax Recognition Engine	• Script Base Structure • Sentences • Equal sign • Priorities and () • Extracting Phrases • Task list			
7	Memory Management	Basic OOP Structure	• Using Syntax • Variable types • Stack • Stack Size Check • Basic operation on variables		2W	
8	Functions	Basic Functions	• Basic Function Structures • Args • KWArgs		2W	
9	Libraries and Frameworks	Built-In Libraries	• Math Functions • Date&Time Functions		3W	

			• String Functions			
10	Adv. Structures	Control Structures	• Boolean Operators • Boolean Phrases • If • Else if • Else • Switch	3W		
11	Adv. Structures	Loops	• For • While	3W		
12	Error Handling	Errors and Exceptions	• Try Catch • Return Errors	2W		
13	Input/Output (I/O)	Read & Write Files	• TXT and CSV Files	1W	2W	
14	OOP	Classes	• Properties • Methods • Constructor • Deconstructor • Re-Arrange previous Items to fully OOP structure	5W		
15	OOP	Inheritance	• Inheritance • Supper Method	1W		
16	OOP	Advanced Variables	• Arrays • Array Methods • List • List Methods	6W		
17	Adv. Structures	Loops	• Foreach	1W		
18	OOP	Advanced Variables	• Dictionaries • Customizable Lists	1W		
19	Market	Market Classes	• Get & Set data About the Market	2W		
20	Trade	Trade Classes	• Get & Set data About the Trades			
21	Chart Data	Chart Classes	• Get Data from the chart	2W		
22	Drawings	Draw Classes	• Basic shapes Draw • Second Level Shapes • Draw Diagrams Commands	2W	4W	4W
23	Compile	Execution time control	• Timer Method	1W		1W
24	Indicators	Base Structure	• Input Values • Events • Buffers	2W	2W	2W
25	Indicators	Creating Base Indicators	• Method and code for 70 Most Common indicators like iMA & moving Average Indicator Code in the new language • Changes on the previous Steps if needed	8W		
26	Expert Advisors	Base Structure	• Input Values • Events	2W	2W	2W
27	Back Test	Datacenter	• DataCenter Interface • Download Data from server • Local Cache the downloaded data	1W	1W	2W
28	Back Test	Back Test Center	• Indicators	4W	4W	4W

			• Expert Advisor • Review Performance • Reports & Analyses			
29	Modular Tools	Modular Structures	• Import Classes & Functions from Modules • Private & Public Modules	1W	1W	1W
30	Compile	Compiler	Create an Executable Encrypted file for the terminal	1W	1W	2W
31	Pre Distribute	Limited Test Run	Test Runs and correct errors and malfunctioning, limited programmers	8W		
32	Pre Distribute	1K Users Test Run	Test Run and correct errors and malfunctioning, 1K Programmers	8W		

- o This program can vary. In many situations, programming does not go as well as we expect.
- o Durations are estimated; some can take less time and others more. However, we can agree on these values for the payments so you can have a fixed budget plan.
- o I may need to add more steps and sub-steps to this plan or change their order based on what I encounter in the project. No team shares their experiences about similar projects, so I will face many new items for the first time.
- o During the project, I will gladly listen to and add features that you find suitable for your marketing. Unless these new features require a noticeable amount of coding, I will add them freely to the project; otherwise, we will add a new step for them.
- o Kindly note that listing all upcoming items now is almost impossible.