

WAVEX MVP Development Scope of Work

Task	Assigned	Time	Cost
1. Create WAVEX Marketplace server-side environment			
Research existing music IP royalty exchanges to identify useful techniques and methodology	Yury Arane, Joseph Aranov	4 W	\$9K
Create WAVEX Marketplace business workflow model	Yury Arane, Valery Anestiadi	6 W	\$10K
Define Marketplace architecture and create task definitions for coding team	Yury Arane, Anatoly Tkach	4 W	\$22K
Marketplace server-side coding	Valery Anestiadi team	8 W	\$50K*
Create Marketplace QA test cases	Yury Arane team	1 W	\$1K
Perform Marketplace QA tests	Yury Arane team	1 W	\$1K
2. Create WAVEX Marketplace desktop web GUI application			
Design desktop web GUI	Anatoly Tkach, Joseph Aranov	4 W	\$8K
Create task definitions for desktop web GUI coding team	Anatoly Tkach, Valery Anestiadi	4 W	\$14K
Desktop web GUI coding	Valery Anestiadi team	4 W	\$25*
Create desktop web GUI QA test cases	Anatoly Tkach	1 W	\$1K
Perform desktop web GUI QA tests	Anatoly Tkach	1 W	\$1K
3. Create WAVEX Marketplace mobile Progressive Web App (PWA)			
Design PWA GUI	Anatoly Tkach, Joseph Aranov	4 W	\$8K

Create task definitions for PWA coding team	Anatoly Tkach, Valery Anestiadi	4 W	\$14K
PWA GUI coding	Valery Anestiadi team	4 W	\$25*
Create PWA QA test cases	Anatoly Tkach	1 W	\$1K
Perform PWA QA tests	Anatoly Tkach	1 W	\$1K
4. Create WAVEX Marketplace native iOS app			
Based on PWA app, create native iOS app	Valery Anestiadi team	2 W	\$12K*
Create native iOS app QA test cases	Anatoly Tkach	1 W	\$1K
Perform native iOS app QA tests	Anatoly Tkach	1 W	\$1K
5. Create WAVEX Marketplace native Android app			
Based on PWA app, create native Android app	Valery Anestiadi team	2 W	\$12K*
Create native Android app QA test cases	Anatoly Tkach	1 W	\$1K
Perform native Android app QA tests	Anatoly Tkach	1 W	\$1K
6. Launch WAVEX MVP pre-production environment			
Create WAVEX MVP cloud-based pre-production environment (AWS)	Valery Anestiadi team	1 W	\$6K*
Deploy MVP components	Valery Anestiadi team	1 W	\$6K*
Create pre-production environment QA test cases	Yury Arane team	1 W	\$1K
Perform pre-production environment QA tests	Yury Arane team	1 W	\$1K

7. Create the Music Promotion AI Engine (MPAI).			
Based on PeerPal Content Matching Platform (http://peerpal.net), develop MPAI architecture to comply with the WAVEX exchange transaction flow	Yury Arane, Valery Anestiadi	4 W	\$14K
Create task definitions for MPAI coding team	Yury Arane, Anatoly Tkach, Valery Anestiadi	4 W	\$12K
MPAI coding	Valery Anestiadi team	4 W	\$25*
Create MPAI QA test cases	Yury Arane team	1 W	\$1K
Perform MPAI QA tests	Yury Arane team	1 W	\$1K
8. Create the MPAI Music Recommendation API.			
Upon completion of this task, the MPAI Engine will be able to promote emerging music by providing perfectly matching music suggestions for music streaming, social media, and dating apps.			
Create task definitions for MPAI API coding team	Yury Arane, Valery Anestiadi	2 W	\$2K
MPAI API coding	Valery Anestiadi team	4 W	\$25*
Create MPAI API QA test cases	Yury Arane team	1 W	\$1K
Perform MPAI API QA tests	Yury Arane team	1 W	\$1K
Generate MVP test reports for Round B investors	Anatoly Tkach	1 W	\$1K
Total for MVP development and deployment:		6 M*	\$443
		Contributed by WAVEXchange:	\$244K
		Required Investment:	\$199K

9. Conduct WAVEX MVP focus-group marketing campaign			
Create focus-group marketing campaign plan	Viktor Dmytrenko	4 W	\$10K
Sign high-pick artists to partake in the marketing campaign	Joseph Aranov, Issy Sanchez	2 W	\$8*
Sign streaming service providers to partake in the marketing campaign	Joseph Aranov, Issy Sanchez	2 W	\$8*
Sign volumetric social media partner to partake in the marketing campaign	Viktor Dmytrenko, Joseph Aranov	2 W	\$8*
Sign focus-group exchange members (up to 500)	Viktor Dmytrenko	4 W	\$12K
10. Conduct WAVEX MVP focus-group test			
Connect the MVP environment with actual content feed from streaming services (Tidal, Spotify, Apple Music, etc.)	Valery Anestiadi team	1 W	\$4*
Collect focus-group activity data for at least 2 months	Yury Arane team	8 W	\$2K
Generate MVP test reports for Round B investors	Anatoly Tkach	1 W	\$1K
Total for MVP focus-group test:		4 M*	\$48K
Contributed by WAVEXchange:			\$28K
Required Investment:			\$25K
11. Create the Talent Discovery AI (TDAI) server-side application.			
Upon completion of this task, the WAVEX Marketplace will be fed with well-predicted emerging songs and artists capable of generating much more excitement among the investor audience.			
Research existing music trend prediction models and choose the one for refactoring	Yury Arane	3 W	\$7K
Modify the chosen prediction model architecture to comply with the WAVEX exchange transaction flow	Yury Arane	4 W	\$10K

Create task definitions for TDAI coding team	Yury Arane, Anatoly Tkach, Valery Anestiadi	3 W	\$12K
TDAI coding	Valery Anestiadi team	6 W	\$18*
Create TDAI QA test cases	Yury Arane team	1 W	\$1K
Perform TDAI QA tests	Yury Arane team	1 W	\$1K
12. Connect TDAI Engine to streaming and social media APIs.			
Research existing streaming services APIs: Spotify, Apple Music, YouTube Music, etc.	Yury Arane	4 W	\$10K
Create task definitions for TDAI API coding team	Yury Arane, Valery Anestiadi	3 W	\$9K
TDAI API coding	Valery Anestiadi team	4 W	\$12*
Create TDAI API QA test cases	Yury Arane team	1 W	\$2K
Perform TDAI API QA tests	Yury Arane team	1 W	\$2K
Total for TDAI launch:		4 M*	\$52K
Contributed by WAVEXchange:			\$30K
Required Investment:			\$27K
Total overall:		10 M*	\$553K
Contributed by WAVEXchange:			\$302K
Required Investment:			\$251K

*The overall timing has been calculated because many works are conducted in parallel.

*All costs marked green are to be contributed by WAVEXchange.