Development Phase a high-level plan:

Phase 1:

Cross chain liquidity aggregation:

Developing a engine in Asva platform to integrate different liquidity provider. This mechanism will be used to do the token swapping through Asva platform.

* + Smart Contract development
  + Exposing the contract as API to connect from front-end system
  + Creating the User interface functionality
  + Integrating the back-end with User interface

The functionality will be developed in solidity first and run in Binance Smart Chain and eventually moved to polkadot eco-system.

We may need to identify different bridges to connect to different blockchain for cross chain integration and it will not part of initial scope.

**Phase 2:**

**Lending and borrowing**

The Asva  finance platform promotes the lending and borrowing of crypto assets. Asva will compare the best interest rate among the protocols it aggregates in the backend and offer the best interest rate to the users. The aggregation to different platforms happens through the published interfaces.

* + Smart Contract development – to find the best option for lending and bo
  + Exposing the contract as API to connect from front-end system
  + Creating the User interface functionality
  + Integrating the back-end with User interface

We may need to test the available interfaces to connect to systems like Aave, Compound, etc.

Phase 3:

**Yield farming**

Asva smart yield aggregator solutions will provide an opportunity to maximize user yields by deploying its automated strategies for better yielding.

Asva will define different yield farming strategies  through its yield farming engine and deploy the optimized strategy for farming to maximize the yield.

* + Smart Contract development for define the strategy dynamically
  + Apply the appropriate strategy to the lockup fund.
  + Exposing the contract as API to connect from front-end system
  + Creating the User interface functionality
  + Integrating the back-end with User interface