Requirements Analysis

Requirements Analysis
1 Month

Communicating with client to gather requirements, identifying which requirements are confusing, ambiguous, or contradictory and clearing those requirements up with client, and requirement modeling.

Software Design

Software Design
1 Month

Split into high-level design (list of functionality of modules, correlation between modules, architectural diagrams, and database table) and low-level design (pseudocode given modules).
**Collaborates with UI/UX Design

UI/UX Design
1 Month

Split into high-level design (list of functionality of modules in terms of app features, and correlation between modules) and low-level design (rough draft of physical appearance of POS application).

IT Developer

After understanding the scope of the project, the IT team will design a network infrastructure that allow the POS system to communicate with other POS systems within the store and other stores as well as the cloud database/server.

Review

Review
2 Weeks

Reviews the requirements analysis document, making sure there are no defects. Comparing the software and UI/UX design with the requirements analysis document. Pseudo-code review.

Implement

The developers suggestions. application. Thi pl

...tation

Software Design
2 Months

...s will implement the UI based on the UI/UX design team's ... They will also work on the features required in a POS ... process will convert their pseudo-code from the design ...hase to real code for real world application.

IT Developer
1 Month

This team will work on network infrastructure such as implementing security measures and as well routing methods such as creating ports for fast, reliable, and safe connections.

Documentation

Software Design
2 Months

This will require the team to write up a manual for the POS application. As well as any engines that were used in making of this application.

IT Developer
1 Month

This will require the team to write up a documentation on the process of connecting the network infrastructure for the POS application. They will need to explain what is required to connect to the cloud server, etc...

Review

Review
2 Weeks

Checking code formatting, best practices, code review, communication between software development team and UI/UX team to make sure that requirements and expectations are met after implementation.

Unit Testi...

So...

Identifying ... automated ... Client is inv... sure system... Identifying b... aspec...

IT D...
1...

The test will invo... hacking into the PO... involve various m... the system to ... vulnerabilities. Th... the strength of t... inter...

ftware Design
1 Month

g possible defects with
and manual test cases.
olved in testing to make
requirements are met.
ugs, flaws, and missing
cts of the system.

Software Design
3 Weeks

Regression testing, end-user testing,
addressing bugs found in the final stage
of unit testing.

Deploying system to client server!

eveloper
Month

olve measures against
OS System. The test will
ethods of hacking into
see if there are any
e test will also consist
the connection to the
net/cloud.