#### VoidPhone Project

P2PSEC (IN2194) Prof. Dr.-Ing Georg Carle Sree Harsha Totakura, Dr. Heiko Niedermayer

#### Initial Approach Report

Team 45 - Rhodium Benedikt Seidl, Stefan Su Due Date: 05/25/18

## Team Composition

We are Benedikt Seidl and Stefan Su, both studying Informatics in the sixth semester of our Bachelor's degree. We are team "Rhodium" and will be working on the DHT project.

# Programming Language, Operating System

For our DHT implementation, we will be using Rust [1].

# which version number?

Specify

# Build System

Rust comes with its own build system Cargo [2] . Ensures efficient building by only building the things that have changed...?

# Specify which version number?

#### **Quality Measures**

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#### Available Libraries

We can obtain packages (= dependencies) from the central package registry crates.io [2] by referencing external crates in our project dependencies.

#### Software License

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# Previous Programming Experience within the Team

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## Workload Sharing

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#### References

- [1] The Rust Programming Language. Available: https://www.rust-lang.org/en-US/index.html [Accessed: May 2018].
- [2] The Cargo Book. Available: https://doc.rust-lang.org/cargo/index.html[Accessed: May 2018].
- [3] N. Matsakis, A. Turon. *The Rust Programming Language*, 2nd edition. Available: https://doc.rust-lang.org/stable/book/second-edition/ [Accessed: May 2018].
- [4] crates.io Rust Package Registry. Available: https://crates.io/ [Accessed: May 2018].