

# Initial Approach Report

## Basic Info

Team Name:	#BasicBros
Team Members:	<ul style="list-style-type: none"><li>• Furqan Shakoor (03679184)</li><li>• Zain Ul Abideen (03368909)</li></ul>
Sub-Project:	Onion

## Project Information

Programming Language:	Python (because it is cross-platform and good for networking and rapid prototyping)
Operating System:	Unix based system (good support for python development and running daemons)
Build System:	Virtual Environment

## Quality Control

Testing:	Test Driven Development
Quality Control:	Sonar

## Libraries

Currently we only intend to use the standard python modules. However, other dependencies/libraries might be discovered later.

## License

MIT License (we don't want to restrict anyone in expanding the scope of our project as long as we also get the credit for the initial development)

## Team Member Skills

Furqan Shakoor	<ul style="list-style-type: none"><li>• Worked with Python for 1 year at a startup in the field of cloud security</li><li>• Studied socket programming in an undergraduate course</li></ul>
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Zain Ul Abideen

- Developed a reliable file sharing protocol (like TCP) over UDP using python
- Developed a basic relay sever prototype in python

## Workload Division

We plan to divide the module roughly on API message types. Every API message will be handled in an individual story and the stories will be divided via Kanban. Apart from this some other stories might be discovered later.