Agile

- i) It is an iterative approach which socuses on collaboration, customer seedback and sast but small releases.
- ii) It focuses on constant changes.
- iii) Agile uses tactical frameworks like sprint, scrum.
- iv) Team size is relatively Smaller
- v) It addresses the goip between the customer need and development and teams
- vi) It support rapid change, and a robast application structure.

DevOps

- i) It is a practice of bringing development and operation teams together
- ii) It focuses on constant testing and delivery
- iii) Devops just divide and spreads the skill set between the development and operation teams
- 14) Team size is relatively larger
- v) It addresses the gap between development and testing
- vi) The team must make

 sure the changes which

 are made to the

 architecture never deve
 -lop a risk in entire:

 project

	Year O	Year 1	Year 2	Year 3
T. Benesit	0	43615	58363	74169
T. Cost	89968	10619	12316	12776
Net Benefit (benefit-cost)	84468	32796	46047	61393
Cumulative net cash flow	84468	51672	5625	55768

2 2.09/62 Years

3. A food freshness checking app for refrigerators:

functional requirement:

- · The app will provide a graphical user interface for checking freshness of foods for their selected refrigerators.
- · Users can connect their fridge to home wifi network.
- · Users can pair or unpair a fridge using a specific passcode of the fridge. For pairing, bluetooth or connection to same will network is mandatory
- · Users can access the app locally via bluetooth or wisi and from anywhere via internet.
- · Users can get readings about the food's freshness In percentage and an expiration date till the food will be fresh.
- · Users can also read and control fridge's tempafood's expiration rature for increasing date. It can also be put on auto mode for this purpose.

Non-functional requirement:

[·] The app should be run on PCs, Tablets, Smartphones, etc.

[.] The app will also have a dedicated website for online access.

[·] The user should be able to load the app within few miliseconds.

[.] The fridges and the food's data should be protected by the app

[·] The foods should gain more longivity for the automatic temparature control.

