The Scaled Agile Framework (SAFe) describes goals and plans at several levels of abstraction:

* Investment Themes
* Epics
* Features
* Stories
* Tasks

**Strategic direction:** We must form a team with portfolio manager, product managers, release management team and agile team. Agile team will have agile master and product owner. The project’s strategic direction is to begin with cars that self-drive and park. It should be able to change lanes automatically. It should honk the horn whenever appropriate.

Portfolio level: Portfolio vision and architectural runway. Portfolio managers are responsible. The level is for long term panning. Manage enterprise investments and resources. Investment themes are the one in which the enterprise allocate financial and other resources. The decisions are made once or twice a year by large organisations. Themes are used to identify key value pairs, provide competitive advantage. Themes are defined as epics in the portfolio backlogs. Epics describe strategic intent. Themes may span multiple years.

**Releases:** The features are divided into two releases. Each feature can be implemented in 2 to 4-month interval. Each feature can be implemented little by little. There will be continuous iterations. One of the iterations will be hardened iteration which fixes the integration problem and stabilizes the process.

Program level: Release team and objectives. Product managers are responsible. This level is for large system management. Epics are further refined into Features.

Features are to find parking, park vehicle, look sides, change lane, honk horn.

**User stories and tasks:** The features are divided and provided to 5 to 9 people in the team. It consists of product owner, scrum/agile master and developers/testers. They define, build and test the user stories. They have iterations(sprints) with standard timed box intervals. They typically take 2 to 4 weeks. Each release consists of 4 to 5 sprints or user stories. Iterations are made every 90 days. They will have their own iteration backlog. All the iterations are sent through agile release train.

Project level: Components and features. The product owner is responsible. They are traditional scrum teams. Features are broken into stories. Stories are broken into tasks for estimation and tracking. Find parking and park vehicle features are decomposed into;

1. The robot must check the display.
2. Choose the appropriate parking spot
3. Drive through the parking lot
4. Move the vehicle accordingly
5. Park the vehicle

**Strategy:**

When the car has some problem, there must be some driver to operate the car manually. A remote assistant may provide a solution

**Release 1:**

An interface must be created for the remote assistant.

1. **User story 1**: As a remote assistant, I want a simulator to operate the car, so that I can control it remotely.

* **Task**: Write a program to create a simulation program.

1. **User story 2:** As a remote assistant, I need a physical interface with remote controls to control the car.

* **Task:** Create a steering wheel, gears, break and accelerator to operate the car.

1. **User Story 3:** As a remote assistant, I need a VoIP to contact the robot.

* **Task:** Test voice recognition

1. **User story 4:** As a remote assistant, I need a network so that I can communicate with the robot seamlessly.

* **Task:** Test the network signals

**Release 2:**

An interface must be created in the car to allow remote access.

1. **User story 1:** As a remote assistant, I need an interface in the car to allow remote access.

* **Task:** Program to allow remote connections

1. **User story 2:** As a remote assistant, I need access to the cameras to check the car’s surroundings.

* **Task:** Add cameras in the side and back.

1. **User story 3:** As a remote assistant, I need GPS in the car to track it.

* **Task:** Add GPS in the car

1. **User story 4:** As a remote assistant, I need internet connectivity in the car to check the routes.

* **Task:** Add network facility in the car

1. **User story 5:** As a remote assistant, I need security walls to deny third party connections to the car.

* **Task:** Check for firewalls and cyber attack by third party for safety reasons.