

## Inspection Summary:

Page numbers and any type of numbering are based off SRSv1

### Page 1:

- Changed it to say preset distance in section 1.2
- fixed typo to say section 3 instead of section 2

### Page 2:

- Omitted the last sentence in section 2.1 from the SRS
- The TJA system uses components of the ACC but not the ACC itself, so we don't need to write about the ACC shutting down because it never was on.
- The TJA System is based on ACC not the ACC. It is its own entity, so it is not relevant to determine is it should turn on and off with the TJA.
- The GPS determines if there is still traffic on the road, not TJA or ACC, as mentioned in section 2.2.
- Added information about the forward-looking camera and lane following to section 2.2.
- Fixed spelling of deactivate in section 2.1.

### Page 4:

- Added information about a closing rate of zero to the requirements.
- Fixed requirement 1.3 to abide by the project description.
- Removed requirement 3 for not being very testable.

### Page 5:

- Made requirement 6.2 more specific and clear.
- Added to requirement 7 what should happen if the camera errors.
- Removed requirement 10 for not being very testable.
- Removed requirement 7.2.1 and added it to 7.2, since it was just a definition
- Rewrote requirement 8.3 to be more testable and clearer

- Made requirement 8.3 its own new requirement to be more clear
- Explained how tactile feedback works in requirement 8.3
- Explained how the buttons are installed to the steering wheel in requirement 9
- Fixed spelling of deactivate in requirement 7.

Page 7:

- Completed changed the use case model. It became simpler and clearer.
- During this process, the instructor and peer feedback was used as a foundation.

Page 15:

- Added internal camera to domain model
- Added all attributes and functions to domain model.

Page 16:

- Added brakes operation to model
- Added accelerator operations to model and made sure to spell it correctly
- Added ACC system operations to model
- I disagree that brakes and accelerator should be in relationship. They are different entities: one makes the vehicle go faster; one makes the vehicle go slower. Neither uses the other nor work in sync.
- Changed active attribute to activated
- Changed usage description from "used" to "uses" in the brakes dictionary

Page 17:

- Made sure dashboard and radar attributes and operations match in table and diagram.

Page 18:

- Added wheel monitor operations to model

- TJA is not an aggregation anywhere on the model so do not know what the reviewer intended by that statement.
- Added lane following attributes and operations to model
- Changed camera class to forward looking camera
- Added forward looking camera operations and attributes to model
- Fixed "if" to "is" in lane following system data dictionary

Page 19:

- Added turn signal operations and attributes to model
- Added steering wheel operations and attributes to model
- Added resume button operations and attributes to model
- Fixed "IF" to "if" in steering wheel data dictionary

Page 20:

- Added cancel button operations and attributes to model
- Added TJA operations to model
- Changed wheel monitor to usage rather than aggregation
- Added GPS operations and attributes to model
- Fixed "is" to "if" in TJA data dictionary

Page 21:

- No need to show ACC is polymorphism to TJA. The way we designed the system TJA uses the same components of ACC but does not use ACC.
- Added scenario model operations to model

Page 22:

- No need to show ACC in the scenario. The TJA triggers all the functionality NOT the ACC.
- The hand off starts at TJA not ACC.

Page 23:

- The flowing of gas from TJA to ACC is not needed here. The peer's design may do that, but our design does not.
- Added scenario operations to diagram

Page 24:

- The TJA to ACC flow is unique to the peer's system our implementation does not do that.
- Added scenario operations to model

Page 29:

- got rid of the text in that section completely, so ignored this feedback

Page 30:

- got rid of the extra dot in the citation

Instructor Feedback:

- Implemented everything except one thing
- We kept "forward-looking" instead of changing it to "forward-facing", since this is how the customer worded.