



## System Verification and Validation Plan

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Cyclops Ride Assist: Real-time bicycle crash detection and blindspot monitoring.

### **Team 9**

Aaron Li (lia79)

Amos Cheung (cheuny2)

Amos Yu (yua25)

Brian Le (leb7)

Manny Lemos (lemosm1)

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| Date             | Developer(s)  | Change           |
|------------------|---|------------------|
| October 25, 2022 | Aaron Li, Amos Cheung, Amos Yu, Brian Le, Manny Lemos | Document created |

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| Factors       |
| Initial State |
| Inputs        |
| Outputs       |
| Schedule      |
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4.2. CFR2

| CFR2 |
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| Type |

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| Inputs        |
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| CFR3          |
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|---------------|
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| Factors       |
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| Outputs       |
| Schedule      |
| Methodology   |

4.5. CFR5

| CFR5    |
|---------|
| Type    |
| Factors |

**CFR5**

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Initial State

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Inputs

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Outputs

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Schedule

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Methodology

4.6. CFR6

**CFR6**

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Type

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Factors

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Initial State

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Inputs

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Outputs

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Schedule

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Methodology

4.7. CFR7

**CFR7**

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Type

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Factors

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Initial State

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Inputs

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Outputs

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Schedule

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Methodology

4.8. CFR8

**CFR8**

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Type

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Factors

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Initial State

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| CFR11         |
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| Factors       |
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| Inputs        |

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| Initial State |
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| Outputs       |
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| Type          |
| Factors       |
| Initial State |
| Inputs        |
| Outputs       |



| CFR14       |
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4.15. CNFR1

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| Factors       |
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4.16. CNFR2

| CNFR2         |
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| Type          |
| Factors       |
| Initial State |
| Inputs        |
| Outputs       |
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4.20. CNFR6

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4.24. CNFR10

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| CNFR10        |
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4.25. CNFR11

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| Factors       |
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| Outputs       |
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| Inputs        |
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| CNFR13 |
|--------|
| Type   |

| CNFR13        |
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| Factors       |
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| Outputs       |
| Schedule      |
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4.28. CNFR14

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| Schedule      |
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4.29. CNFR15

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| Factors |

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|---------------|
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| Outputs       |
| Schedule      |
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4.31. CNFR17

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| Factors       |
| Initial State |
| Inputs        |
| Outputs       |
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| CNFR19        |
|---------------|
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| Factors       |
| Initial State |

**CNFR19**

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Outputs

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Schedule

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4.34. CNFR20

**CNFR20**

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Type

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Factors

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Initial State

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Inputs

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Outputs

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**CNFR21**

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Type

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Factors

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Initial State

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Inputs

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Factors

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| Schedule      |
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4.39. CNFR25

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Type

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Factors

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Initial State

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Inputs

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Outputs

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4.41. CNFR27

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Type

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Factors

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Initial State

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Inputs

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Outputs

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Initial State

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