From

CS 4600 Assignment 4
Hierarchical Model

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```mermaid
graph TD
    Torso
    Torso -->|push| Tail
    Torso -->|push| FLLU[Front Left Leg Upper]
    Torso -->|push| FRLU[Front Right Leg Upper]
    Torso -->|push| RLLU[Rear Left Leg Upper]
    Torso -->|push| RRLU[Rear Right Leg Upper]
    Torso -->|push| Head

    FLLU --> FLLL[Front Left Leg Lower]
    FRLU --> FRLL[Front Right Leg Lower]
    RLLU --> RLLL[Rear Left Leg Lower]
    RRLU --> RRLL[Rear Right Leg Lower]

    Head --> LE[Left Eye]
    Head --> RE[Right Eye]
    Head --> US[Upper Snout]
    Head --> LS[Lower Snout]
    Head --> LEar[Left Ear]
    Head --> REar[Right Ear]
```

Torso

- Tail — push
- Front Left Leg Upper — push
- Front Right Leg Upper — push
- Rear Left Leg Upper — push
- Rear Right Leg Upper — push
- Head — push

Front Left Leg Lower — pop
Front Right Leg Lower — pop
Rear Left Leg Lower — pop
Rear Right Leg Lower — pop

Left Eye — pop
Right Eye — pop
Upper Snout — pop
Lower Snout — pop
Left Ear — pop
Right Ear — pop