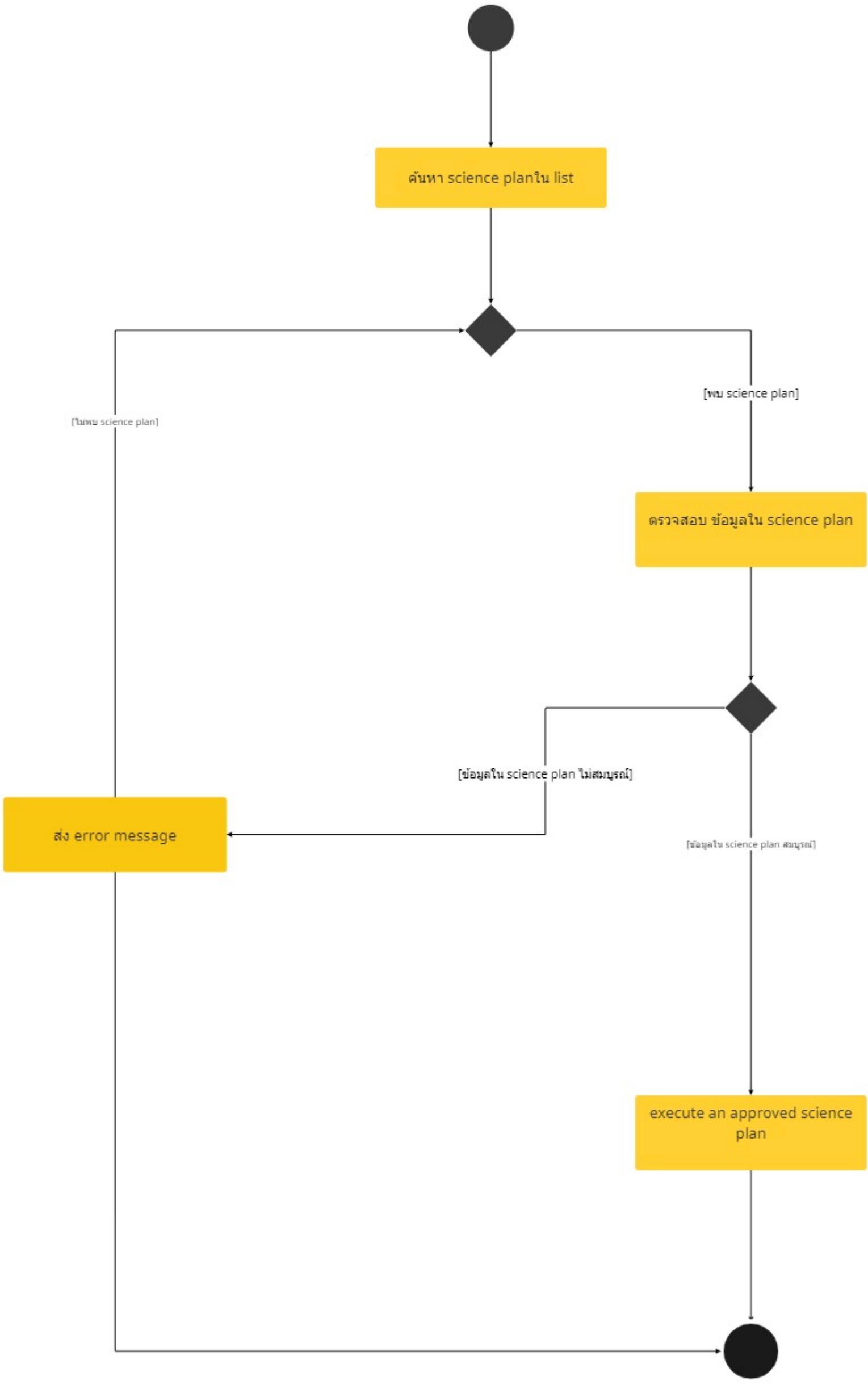
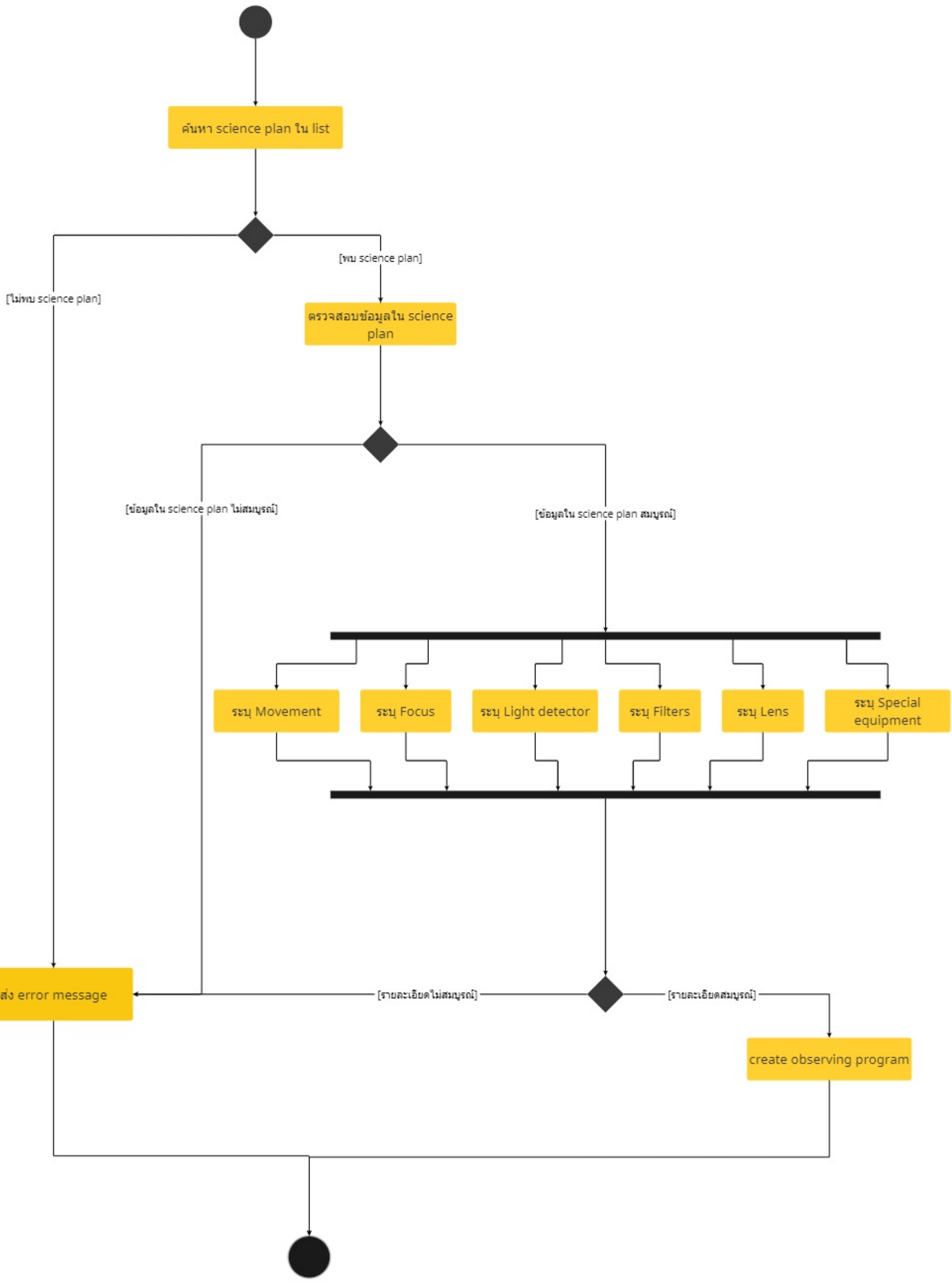
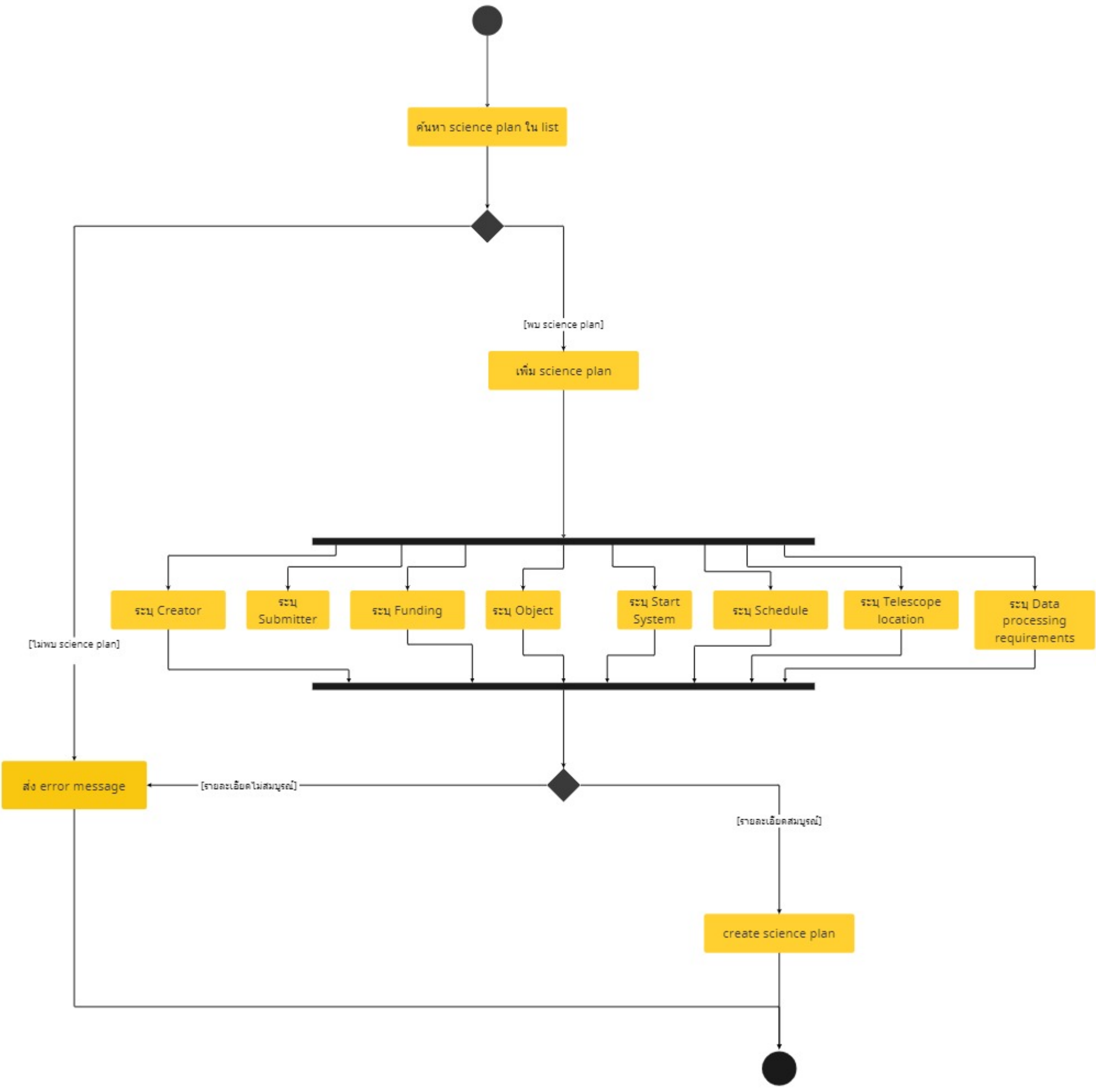
1. execute an approved science plan



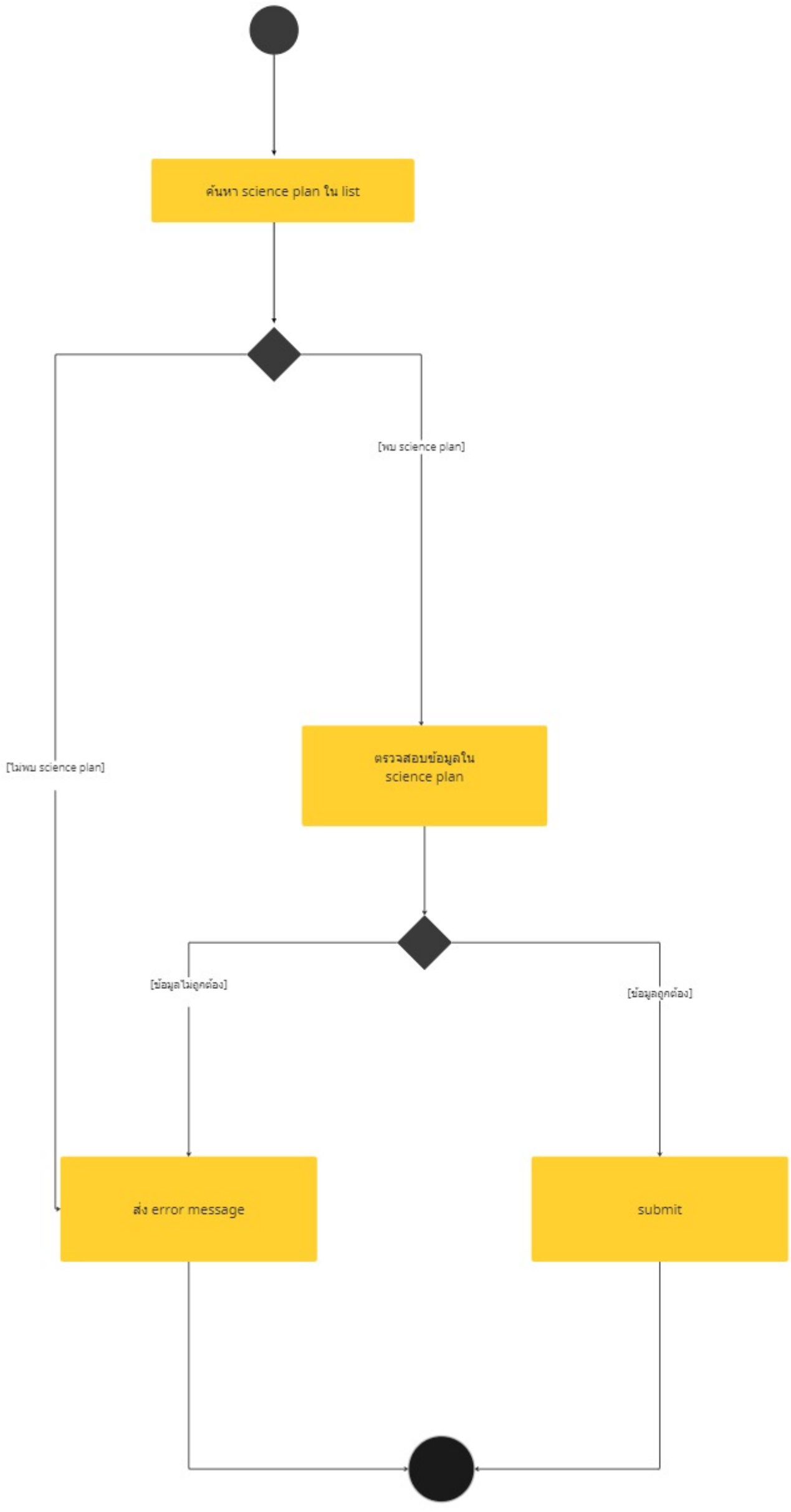
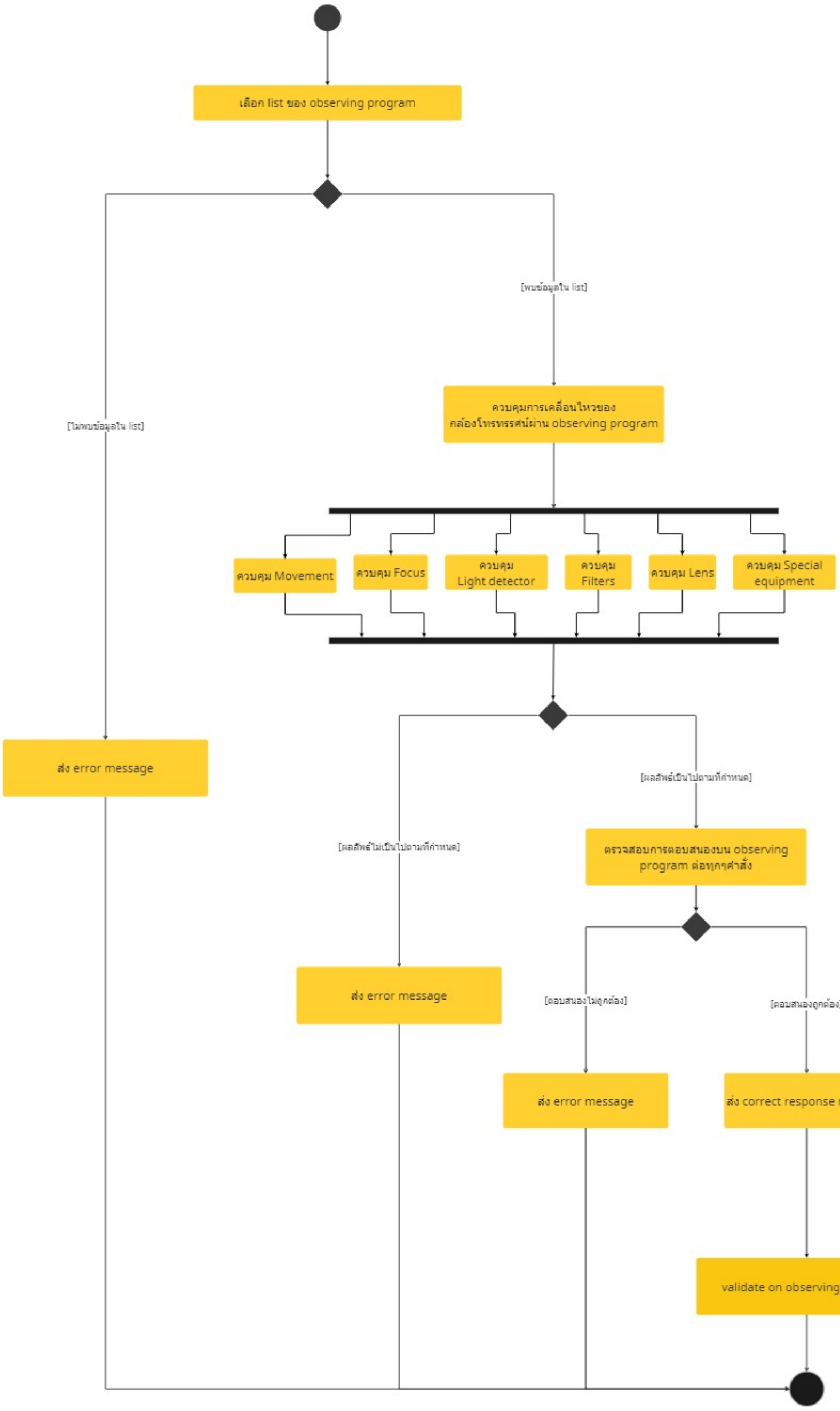
2. create observing program



3. create a science plan



4. submit a science plan



5. validate on observing program