This control flow diagram tries to work with tasks that can be scheduled at any time but assumes that:
- "active_ensembles.json" exists and for first run of the day "next_ensemble" is -1 (setup).
- setup will run at the very beginning of the day before other tasks.
- if a task is scheduled close to/before setup, the logic will still catch it and run right after setup completes
- teardown will always be the final task (scheduled 1 min before midnight). If an ensemble is scheduled before midnight but has an iteration that takes it into the next day, this might cause issues.