Identify the equivalence partitions for this function. **Note that you are not required to create concrete test cases.** You only need to generate the equivalence partitions. [18]

Month:

- E1: month has 30 days, E2: month has 31 days, E3: February, E4 >=13,
- **E5**: <=0, **E6**: empty, **E7**: any non-integer

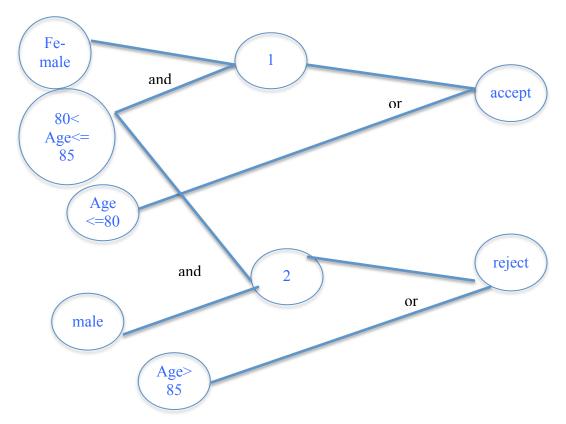
Day

- E1: 1<=day <= 28, E2: 1<=day <=29, E3: 1<=day <= 30,
 E4: 1<=day <= 31, E5: day >= 32, E6: day<=0, E7: empty, E8: any non-integer
- OR E1: 1<=day<=28, E2: day = 29, E3: day = 30, E4: day =31, E5: day >=32, E6: day<=0, E7: empty, E8: any non-integer

Year

- **E1**: year=1900;
- **E2**: (1812<=year <= 2020) AND (year != 1900) AND (year mod 4 = 0)
- E3: (1812<=year <= 2020) AND (year != 1900) AND (year mod 4 != 0)
- **E4**: year < 1812, **E5**: year > 2020, **E6**: Any non-integer, **E7**: empty
- c) Consider an insurance system that allows users to apply for insurance on their lives, and rejects over-age applicants. The system has the following specifications:
 - Reject male applicants if over the age of 80 years.
 - Reject female applicants if over the age of 85 years.
 - Accept applicants otherwise.

Build a cause-effect graph for that system. [12]



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