DESIGN ARTIFACTS

Software for parallelization of high energy physics code related to dark matter simulation

2015

Authors –

Ketan Chaware

Vishwajeet Singh Thakur

Prateek Gupta

MADE FOR – DR. SUBHENDU RAKSHIT

** **CONTENTS** **

TRACEABILITY MATRIX

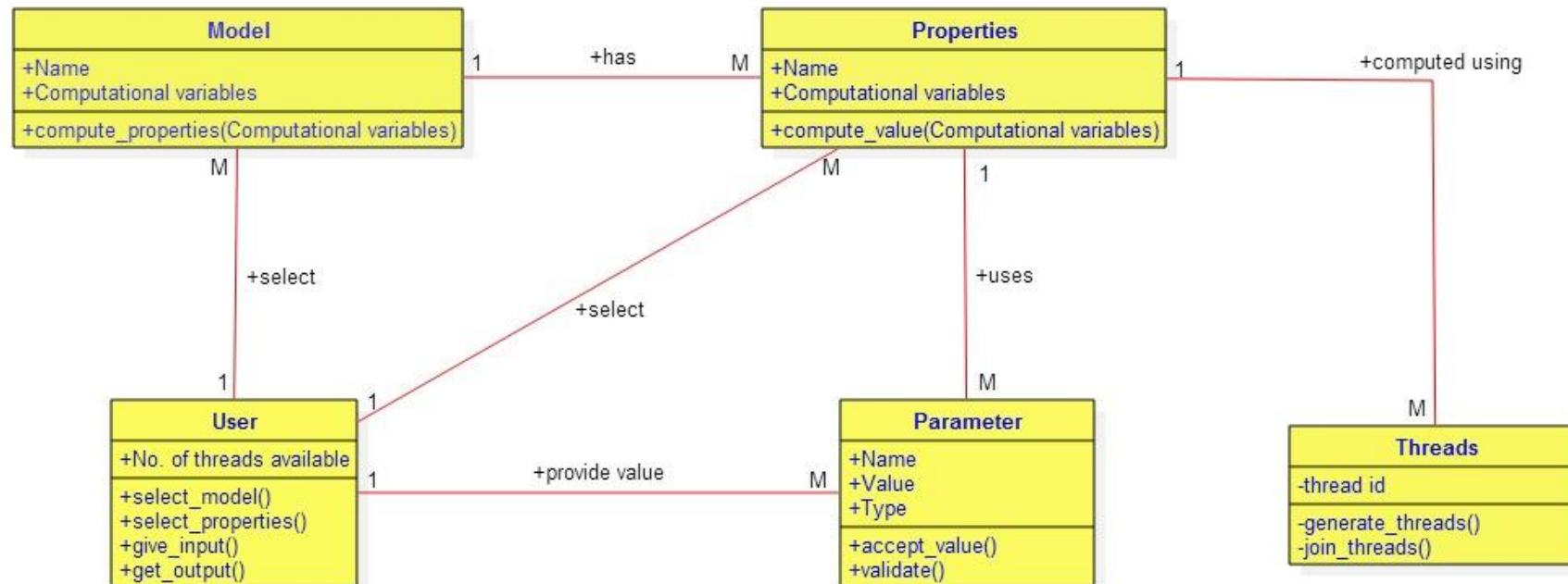| Sections of Design artifacts \ Sections of SRS	2.1	3.1	3.2
1	✓	✓	
2		✓	✓
3			✓
4.A		✓	✓
4.B		✓	✓

1. CONTEXT MODEL

Our product will run on stand-alone P.C. There will be no interaction with any other external system or
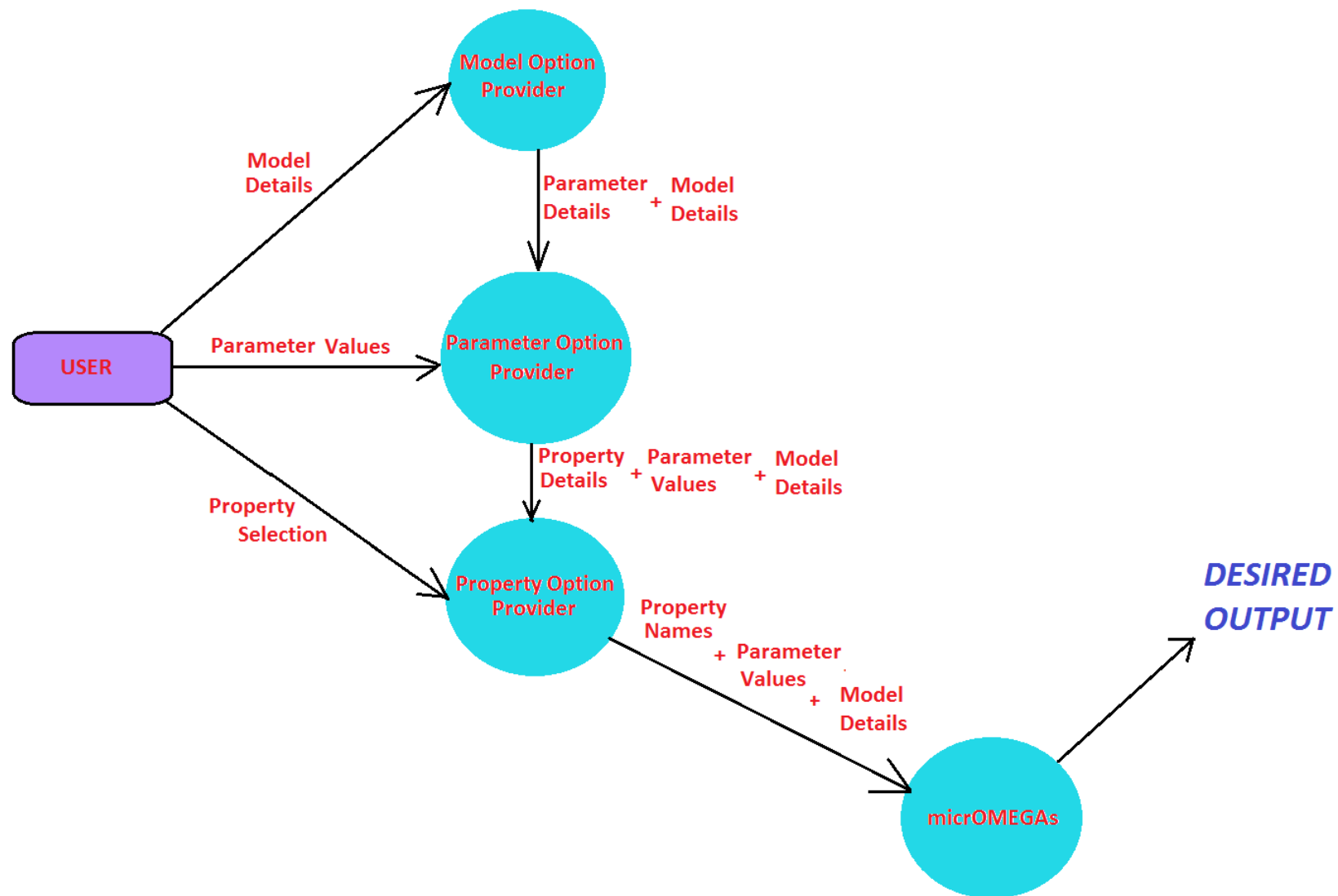
network.

2. INTERACTION MODEL
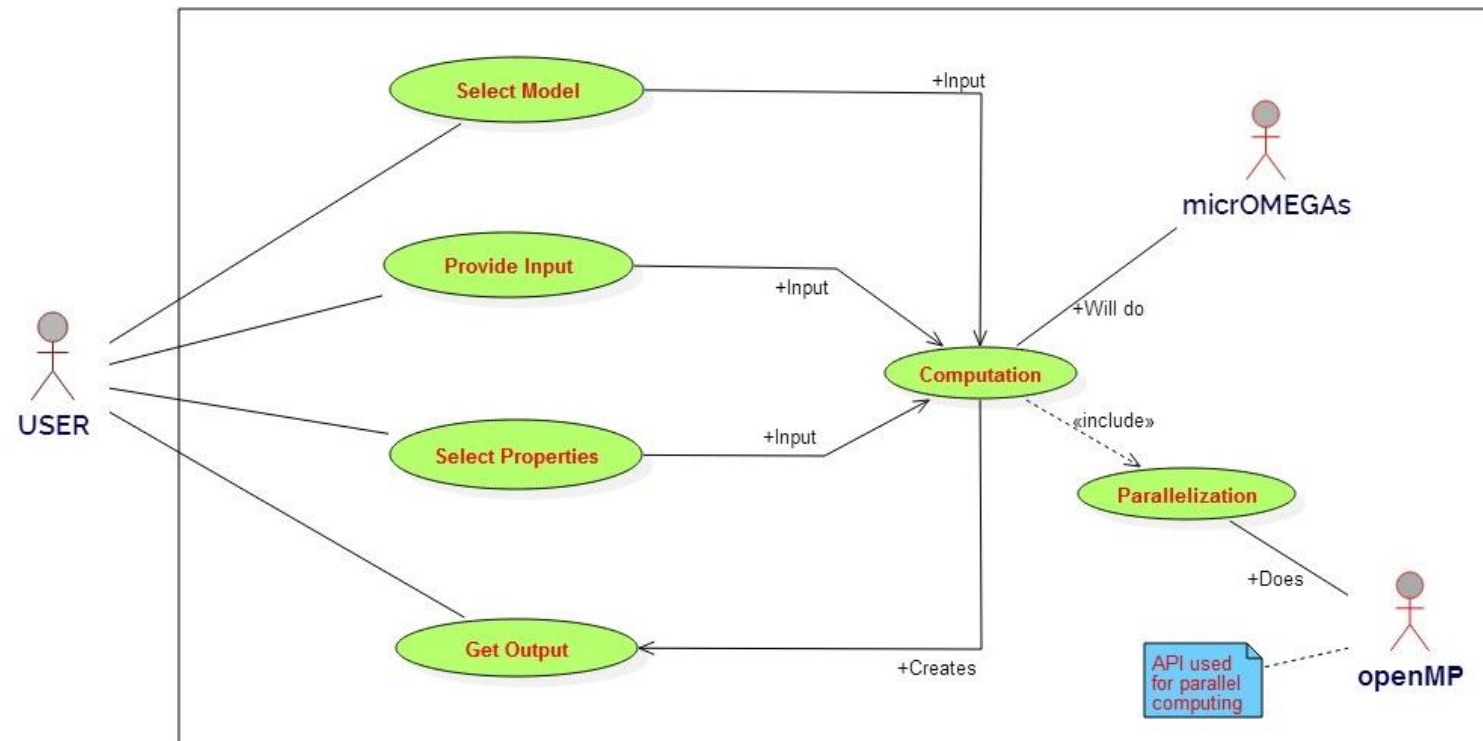
3. STRUCTURAL MODEL

4. BEHAVIORAL MODEL
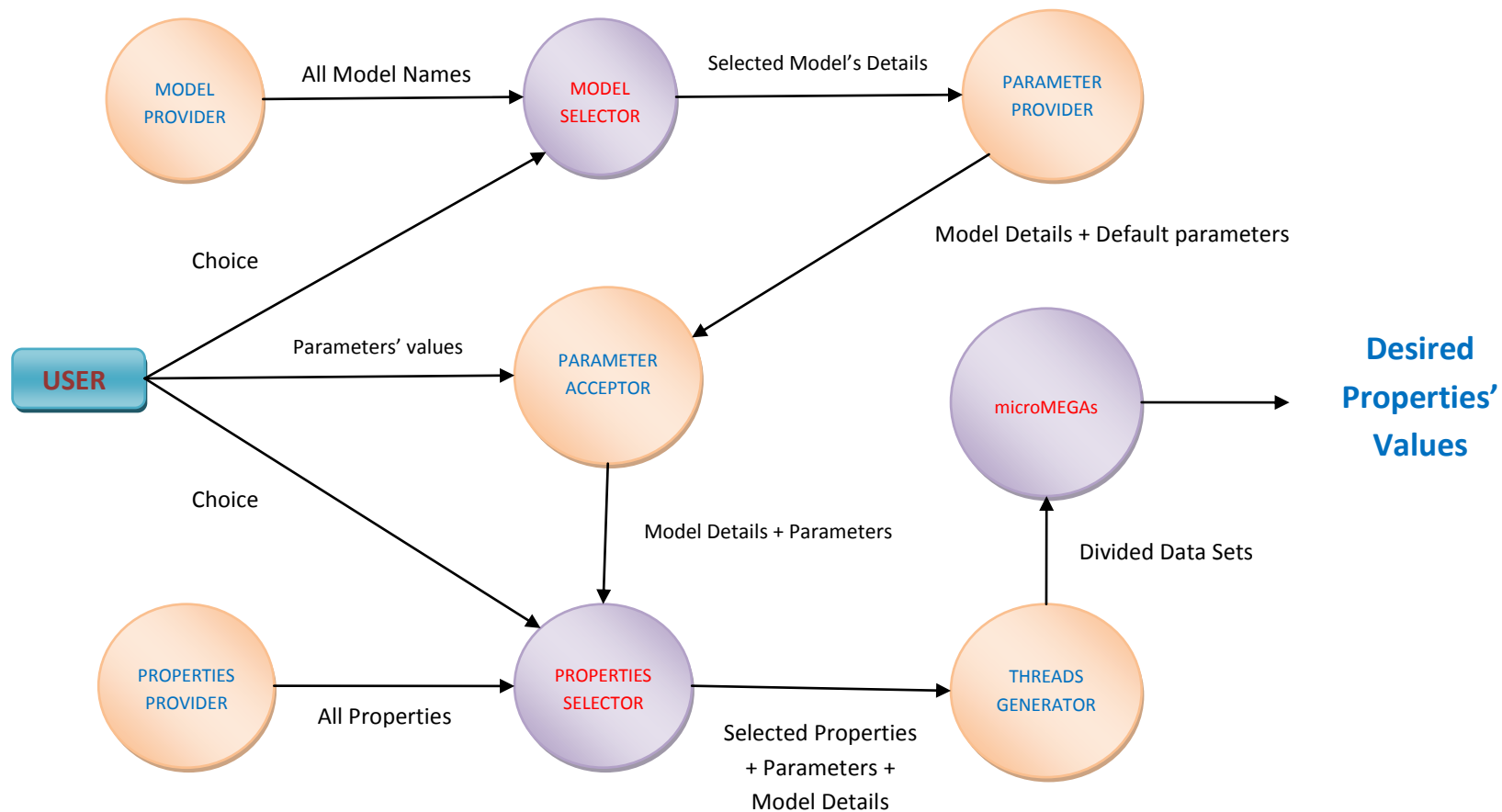
A) DATA DRIVEN MODEL

i) 0th level data flow diagram

ii) 1st level data flow diagram

iii) 2nd level data flow diagram

B) EVENT DRIVEN MODEL