- an agent definition editor 320 (referred to below under "**4.2 Step 2: *Agent Definition 500***") for providing a logical description of the agent, its abilities and initial resources etc
- an organisation editor 325 (referred to below under "**4.3 Step 3: *Agent Organisation 505***") for describing the relational links between agents in a scenario and also the beliefs that each agent has about other agents in the system
- a co-ordination editor 330 (referred to below under "**4.4 Step 4: *Agent Co-ordination Strategy Specification 510***") for selecting and/or describing co-ordination strategies of the agents
- a task description editor 335 (referred to below under "**4.5 Step 5: *Tasks Definition 520***") for describing the tasks that the agents in the domain can perform
- an ontology editor 340 (referred to below under "**4.1 Step 1: *Domain Study and Agent Identification 515***") for describing a suitable ontology for the domain
- a fact/variable editor 355 (referred to below under "**4.2 Step 2: *Agent Definition 500***" and under "**4.5 Step 5: *Tasks Definition 520***") for describing specific instances of facts and variables, using the templates provided by the ontology editor 340
- a code generation editor 360 (referred to below under "**4.6 Step 6: *Domain-specific Problem Solving Code Production 525***") for generating code according to the definitions provided for each agent
- a summary task editor 365 (referred to below under "**4.5 Step 5: *Tasks Definition 520***") for describing summary tasks which are tasks composed of one or more sub-tasks which have to be performed in some order
- a constraints editor 370 (referred to below under "**4.5 Step 5: *Tasks Definition 520***") for describing the constraints between (i) the preconditions and effects of a task, (ii) one or more preconditions of a task, and (iii) the effects of a preceding task and the preconditions of a succeeding task in a summary task description.

The output 100 of the CABS platform is then a logical description of a set of agents and a set of tasks to be carried out in a domain, together with executable code for each agent and stubs for executable code for each task.