

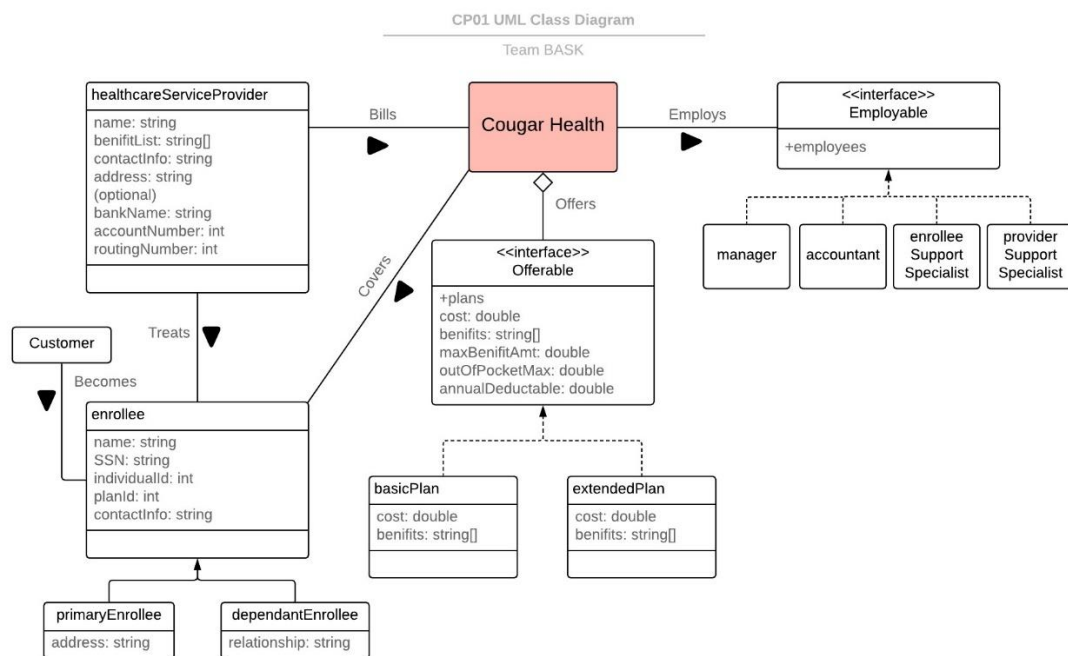
CPo1_BASK_DomainModel

Brainstorming Results of Project Scenario

<u>Brainstorming List</u>	<u>Classification Result</u>	<u>Rule</u>
cougar health (1)	(A) Cougar Health	1(e)
is a (9)	(I) Is a	9
health insurance company (1)	(C) Health Insurance Company (HIC)	1(a)
to facilitate (3)	(AS) To facilitate (Cougar Health, others)	3
sharing of information (3)	(AS) Sharing of info (Cougar Health, healthcare service providers, patient enrollees)	3
healthcare service providers (1)	(C) Healthcare Service Providers (HSP)	1(a)
name (1)	(A) Name	1(e)
benefits (1)	(C) Benefits they Provide	1()
contact info (1)	(A) Contact Information	1(e)
address (1)	(A) Remittance Address	1(e)
(Optional)		
bank name (1)	(A) Bank Name	1(e)
acc. number (1)	(A) Account Number	1(e)
rout. Number (1)	(A) Routing Number	1(e)
patient enrollee (1)	(C) Patient Enrollee	1(a)
name (1)	(A) Name	1(e)
SSN (1)	(A) Social Security Number	1(e)
plan id (1)	(A) Plan identification Number	1(e)
individual id (1)	(A) Unique Enrollee id	1(e)
contact info (1)	(A) Contact Info (Phone/Email)	1(e)
primary enrollee (1)	(I) Primary Enrollee (Patient Enrollee)	1(a)
address (1)	(A) Primary Address	1(e)
depend enrollee (1)	(I) Dependent Enrollee	1(a)
relationship (1)	(A) Relationship to Primary	1(e)
software (1)	(A) Software	1(a)
automate (3)	(AS) Automates	3
tasks (3)	(AS) Task	3
automate billing (3)	(AS) Automates billing for HSPs (Cougar Health, HSP)	3
view information about (3)	(AS) View information of Patient Enrollees (Cougar Health, Enrollees)	3
benefits (1)	(A) benefits	1(e)
provided by (3)	(AS) Provided by (benefits, HIC/HSP)	3

insurer (1)	(A) Insurer	1(e)
healthcare services (1)	(A) Healthcare Services	1(e)
offers (3)	(AS) Offers two plans (Basic/Extended)	3
two (5)	(V) 2	5
insurance plans (1)	(C) Insurance# Plans	1(a)
basic (1)	(V) “Basic”	1(e)
extended (1)	(V) “Extended”	1(e)
similar benefits (4)	(V) Similar Benefits	4
different coverage (4)	(V) Different Coverage	4
different cost (4)	(V) Different Cost	4
plan year maximum benefit (1)	(V) Plan Year Max Benefit	1(e)
out of pocket max (1)	(V) Out of Pocket Maximum	1(e)
annual deductible	(V) Annual Plan Educatable	1(e)

UML Class Diagram



Abbreviation Table

<u>Identifier</u>	<u>Component</u>	<u>Description</u>
CH	Cougar Health	Start-up health care insurance company. Client for the software created.
CVR	Covers	CH covers an Enrollee.
OFF	Offerable	Interface for the plan classes. 'basicPlan' and 'extendedPlan' implement Offerable.
BP	Basic Plan	One of the two insurance plans offered by CH. Class implements offerable.
EP	Extended Plan	One of the two insurance plans offered by CH. Class implements offerable.
HSP	Healthcare Service Provider	Class for Service Provider information. HSP treats an enrollee, and bills CH.
BIL	Bills	An HSP bills CH.
TRT	Treats	An HSP treats an Enrollee.
CSM	Customer	A Customer is a potential Enrollee
BCM	Becomes	A CSM becomes an Enrollee.
ENR	Enrollee	Class for enrollee information. ENR is treated by an HSP, CH covers costs for an ENR.
PE	Primary Enrollee	Beneficiary of a health care plan. A PE can add dependents to their plan, modify their plan, view charges, etc.
DE	Dependent Enrollee	Dependent to the PE. May only see charges associated with that specific DE.
EPL	Employs	CH employs Employees.
EPB	Employable	Interface for employees such as the manager, accountant, enrolleeSupportSpecialist, and providerSupportSpecialist.
MNG	Manager	Class for a manager type of employee.
ACC	Accountant	Class for an accountant type of employee.
ESS	Enrollee Support Specialist	Class for an enrolleeSupportSpecialist type of employee.
PSS	Provider Support Specialist	Class for an providerSupportSpecialist type of employee.