

40th UN/CEFACT Forum

8 May 2023

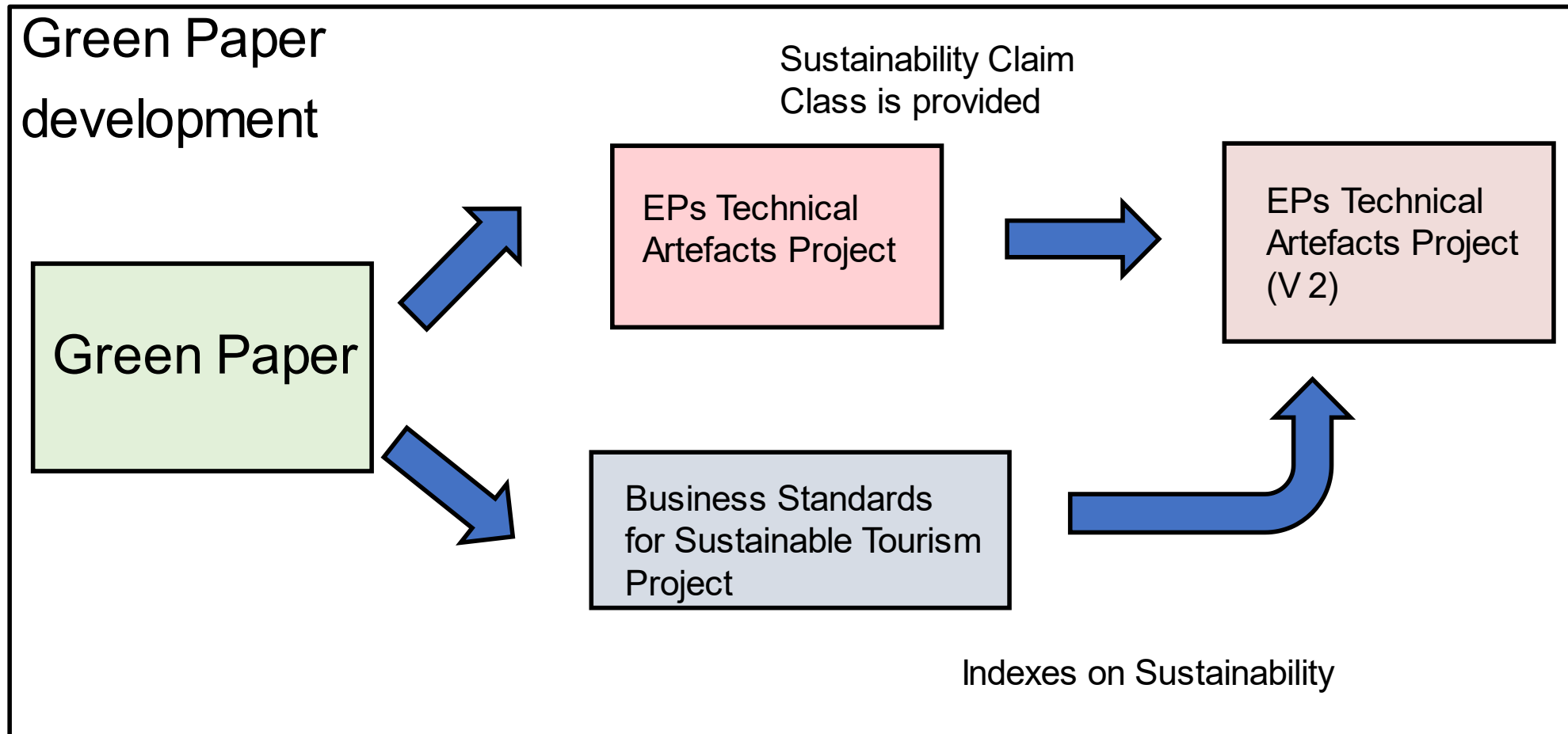
**Deliverables of Experience Programs
Technical Artefacts Project and
its Further Upgrading Efforts**

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Sub-Lead of the Project



1. UNCEFACT T/T Domain projects

- 1) Experience Programs Technical Artefacts (EPs) Project
- 2) Business Standards for Sustainable Tourism (ST) Project



1-2. What Experience Programs (EPs) are



(Green Paper Project)

EPs	Past	Present (Trend)	New perspective
Conventional tours	Sightseeing tours Optional tours Tours based on eco or green tourism		To vitalize regions
New trend of tours	Agriculture tours Industry tours Health related tours Sports tours Social tours Any kind of activity tours		To sustain environments To enhance QOL

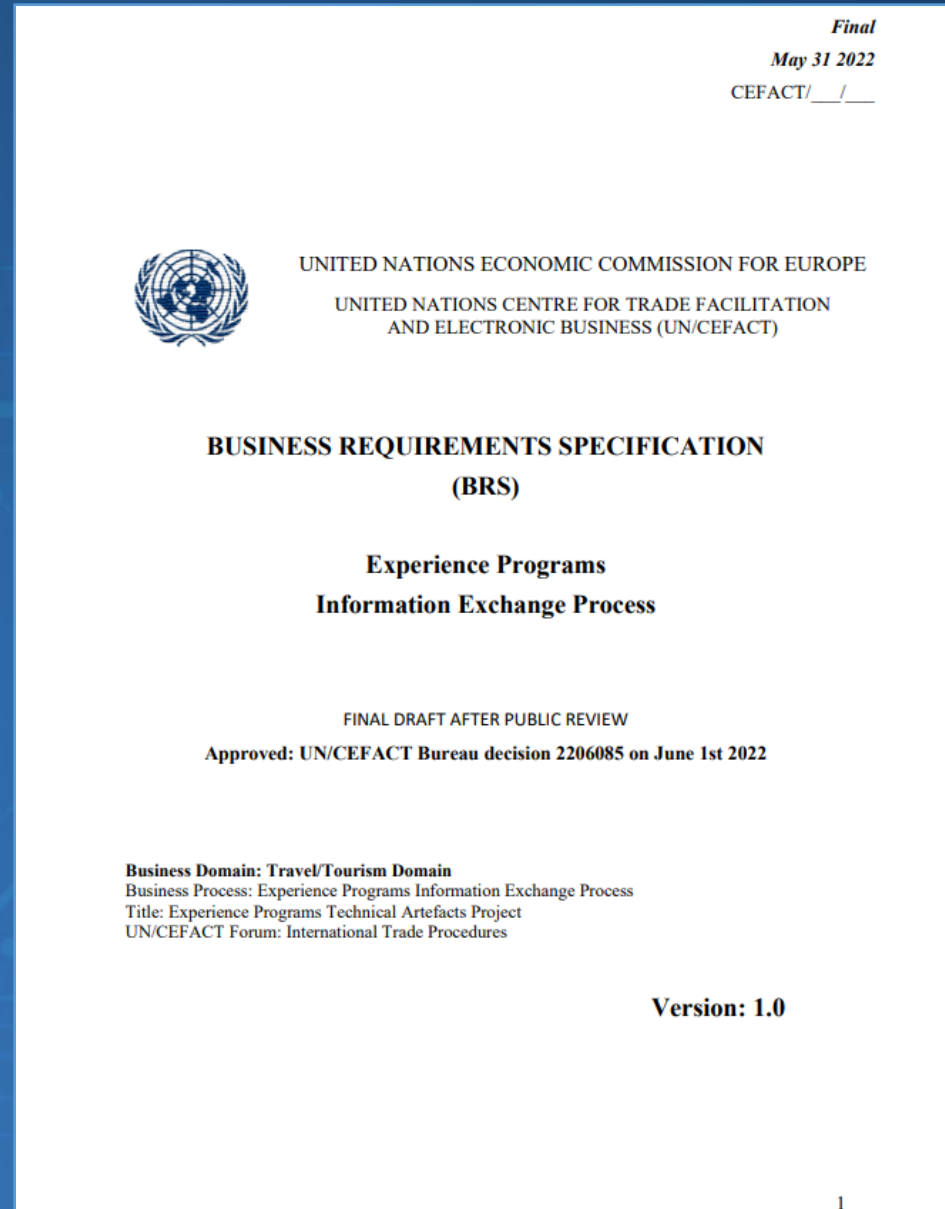
2. EPs Business Requirements Specification(BRS)



Reported at the
Oct., 2022 Plenary

[Business Requirement Specifications \(BRS\) | UNECE](#)

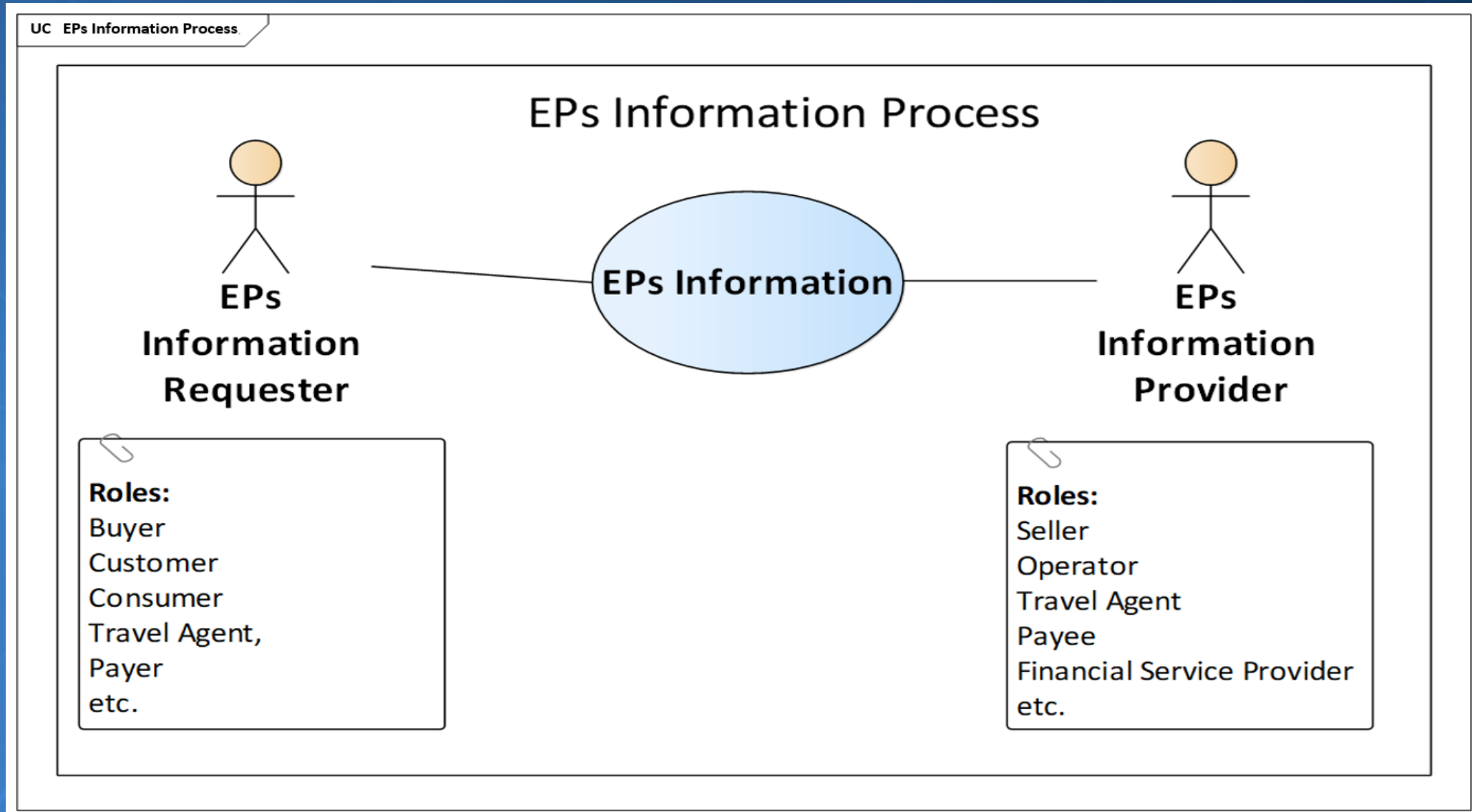
Experience Programs Information Exchange Process (May 2022)



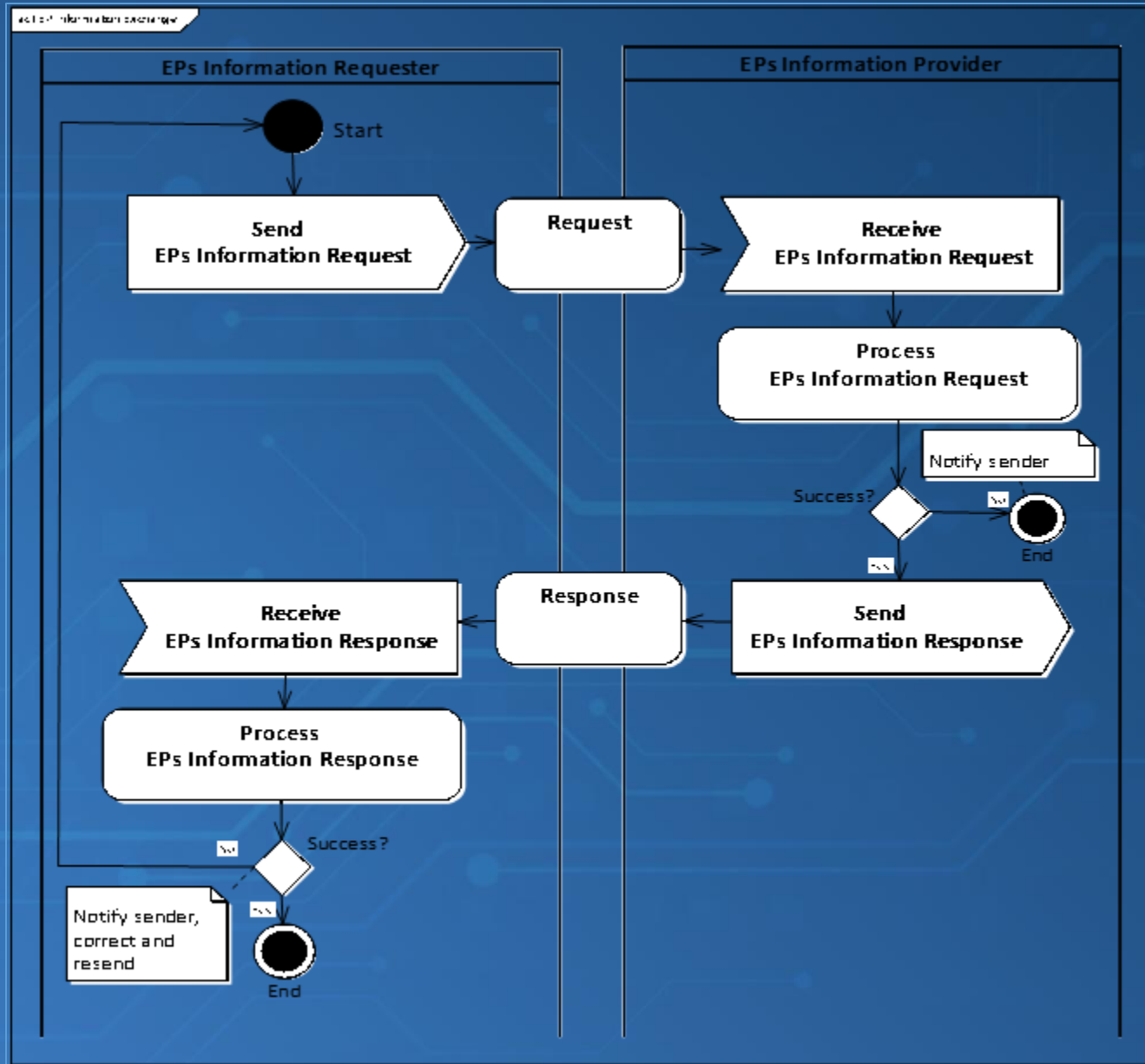
Developed based on the UNCEFACT BRS Specifications for EPs operators and computer system developers

(Contents)
Business requirements
Information exchange processes
Business information entities
Codes, etc.

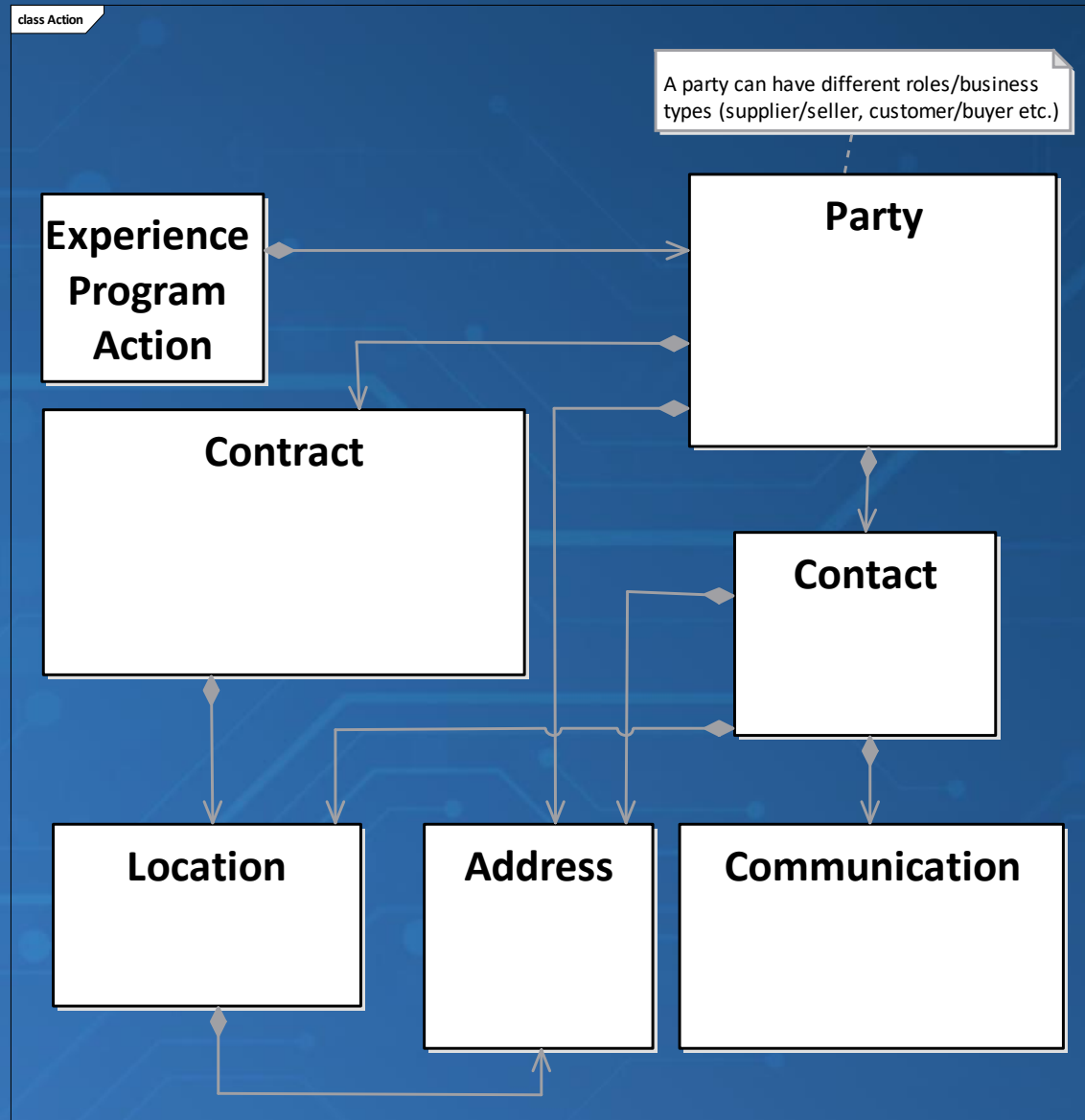
2-2. Development- Use case



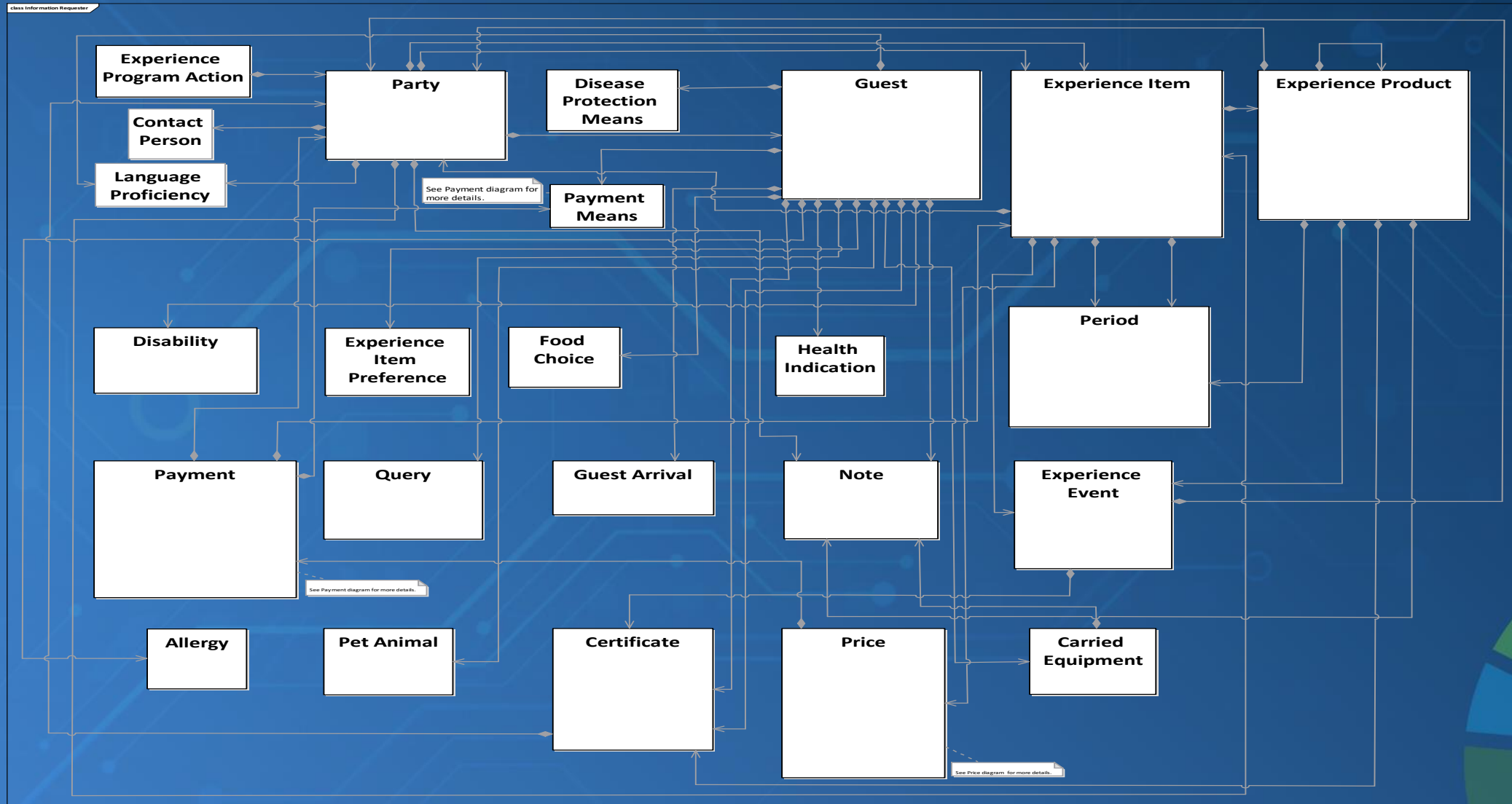
2-3. Activity diagram



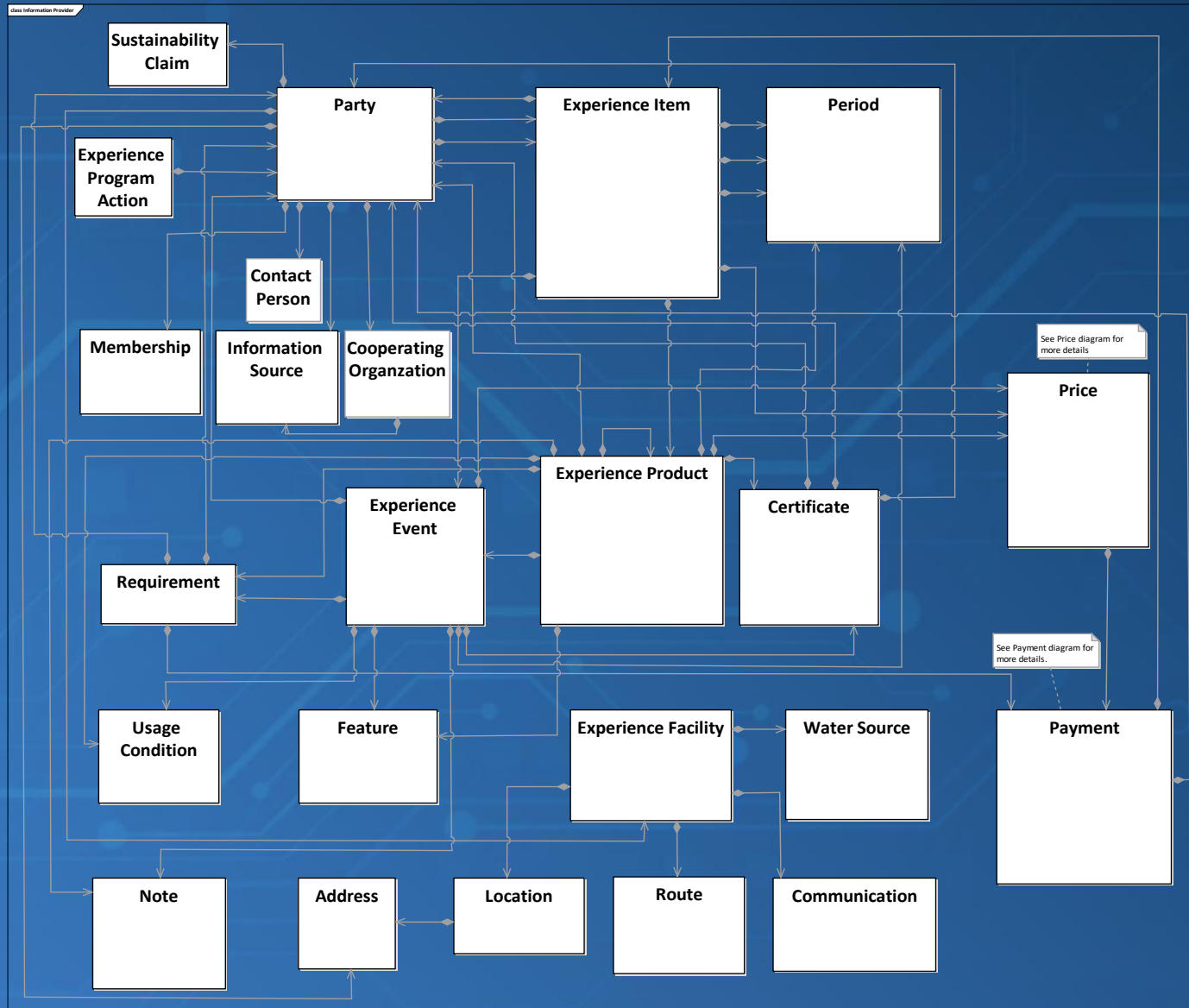
2-4. Class diagram-Action



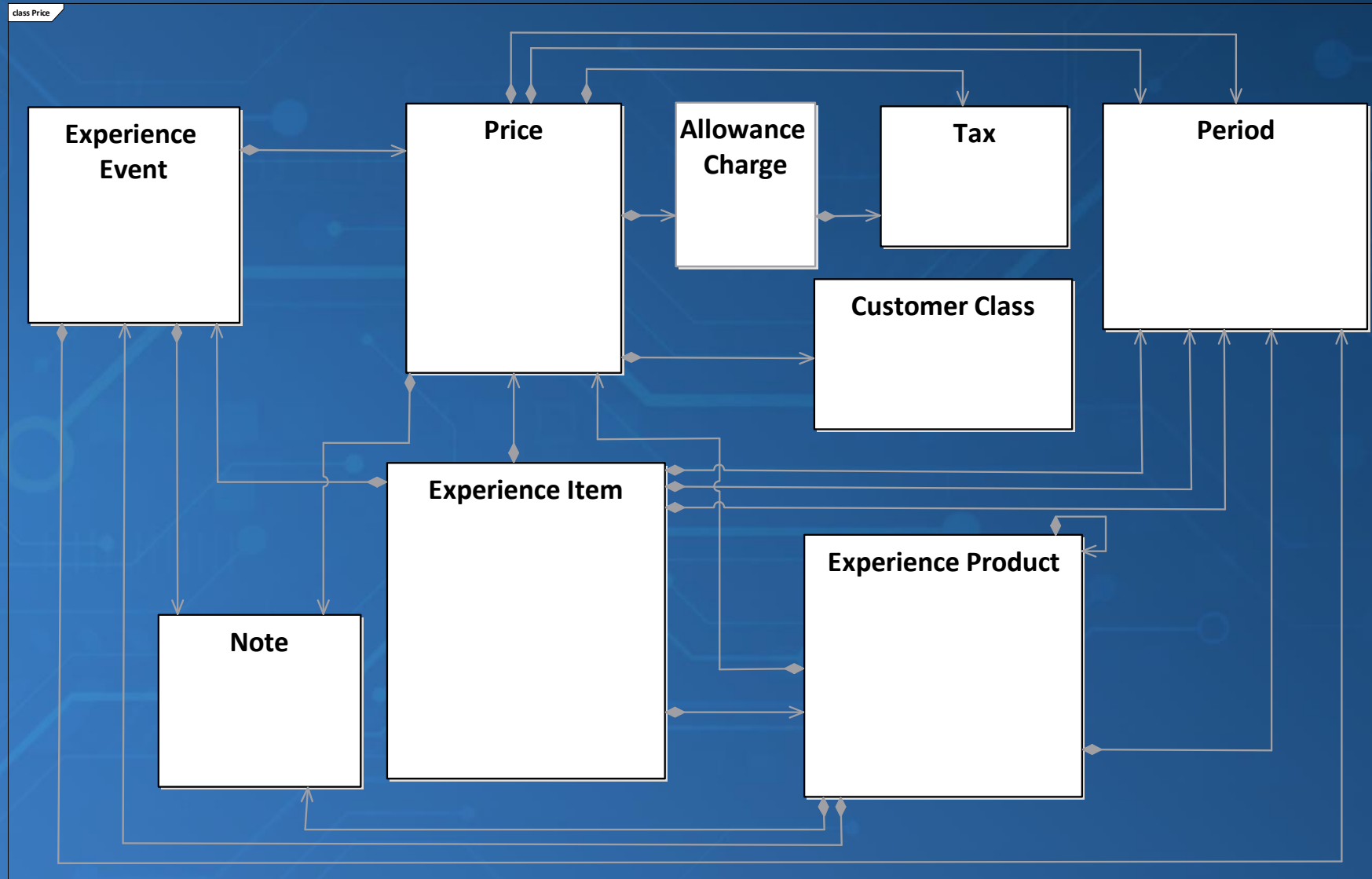
2-4-2. Class diagram-Information requester



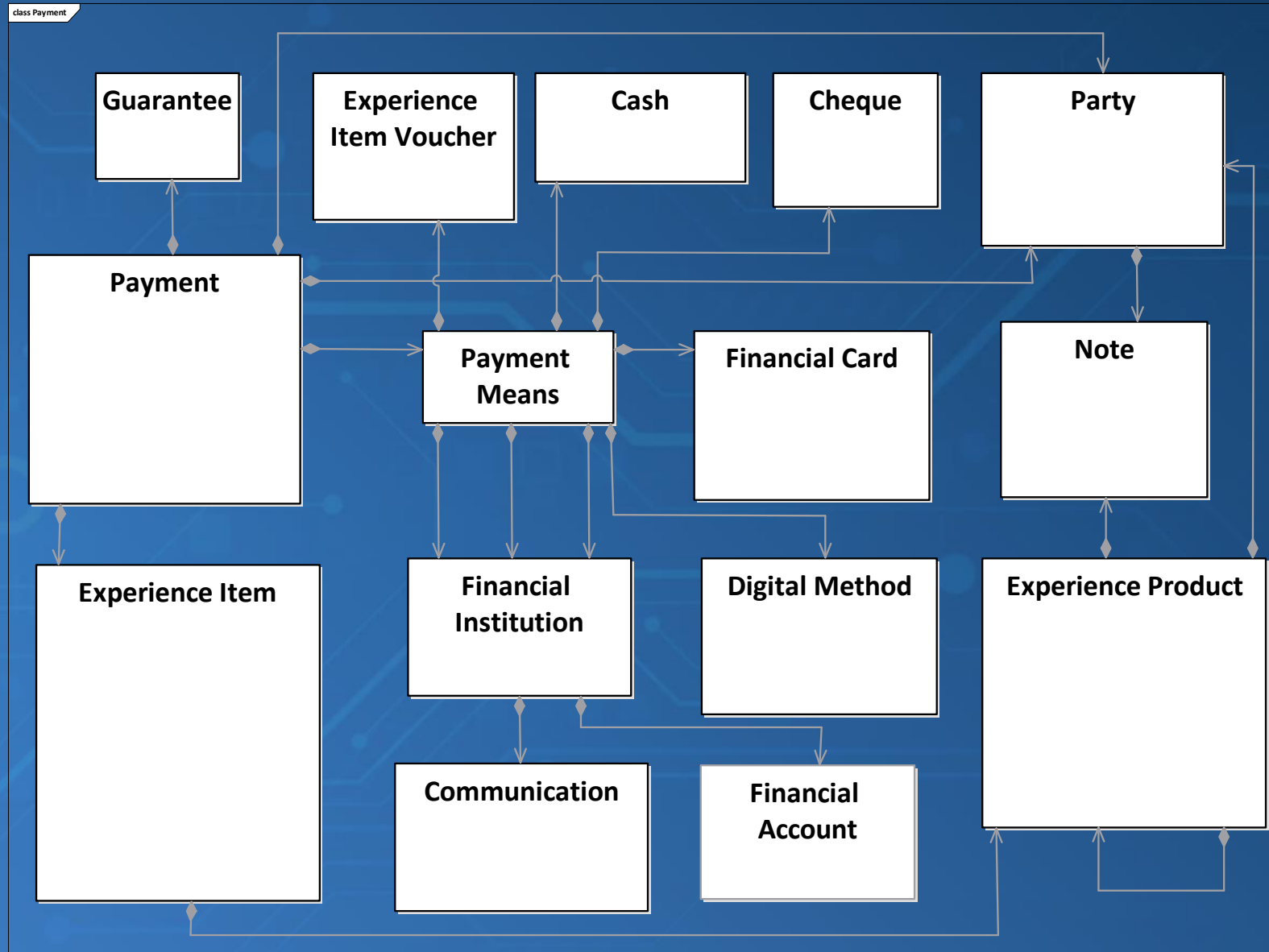
2-4-3. Class diagram-Information provider



2-4-4. Class diagram-Price



2-4-5. Class diagram-Payment



3. Development of processes and business data



The standardized BIEs are registered in 2022A and B of UNCEFACT Core Component Library.

1	A ABIE/ BBIE/ ASBIE/ACC/B CC/ASCC/DT/ CC/SC	B Dictionary Entry Name (auto generated)	C Definition Mandatory	D Occurrence Min	E Occurrence Max	Show
2	START HERE Press Enter	Keep the rows together Adjust selected rows with Ctrl-a	Enable macro's with Ctrl-e Disable macro's with Ctrl-d	Mandatory for BBIE, ASBIE, BCC, ASCC		
54	BBIE	Experience Program_ Action. Status. Code	The code specifying the status of this experience program action.	0	1	Status Code
55	BBIE	Experience Program_ Action. Description. Text	A textual description of this experience program action.	0	unbounded	Description
56	ASBIE	Experience Program_ Action. Specified. Trade Party	A party specified for this experience program action.	0	unbounded	Specified Party
57	ABIE	Experience_ Event. Details	An involvement in an experience program in which some thing happens, such as a nature watching, woodware manufacturing, meditation, holiday trip, dinner, theme park visit, could be experienced.			Experience Event
58	BBIE	Experience_ Event. Date Sequence. Numeric	The date sequence number for this experience event.	0	1	Date Sequence Nu
59	BBIE	Experience_ Event. Name. Text	A name, expressed as text, for this experience event.	0	unbounded	Name
60	BBIE	Experience_ Event. Basic Objective. Text	A basic objective, expressed as text, for this experience event.	0	unbounded	Basic Objective Te
61	BBIE	Experience_ Event. Identification. Identifier	The identifier of this experience event.	0	1	ID
62	BBIE	Experience_ Event. Choice Allowed. Indicator	The indication of whether or not a choice is allowed for this experience event.	0	1	Choice Allowed Inc
63	BBIE	Experience_ Event. Reservation Required. Indicator	The indication of whether or not a reservation is required for this experience event.	0	1	Reservation Requir
64	BBIE	Experience_ Event. Location. Text	A location, expressed as text, for this experience event.	0	unbounded	Location Text
65	BBIE	Experience_ Event. Meeting. Date Time	The meeting date, time, date time, or other date time value for this experience event.	0	1	Meeting Date Time
66	BBIE	Experience_ Event. Break Up. Date Time	The break up date, time, date time, or other date time value for this experience event.	0	1	Break Up Date Tim
67	BBIE	Experience_ Event. Instruction. Text	An instruction, expressed as text, for this experience event.	0	unbounded	Instruction Text
68	BBIE	Experience_ Event. Reservation Guarantee. Text	A reservation guarantee, expressed as text, for this experience event.	0	unbounded	Reservation Guara
69	BBIE	Experience_ Event. Indemnity Clause. Text	An indemnity clause, expressed as text, for this experience event.	0	unbounded	Indemnity Clause T
70	BBIE	Experience_ Event. Description. Text	A textual description of this experience event.	0	unbounded	Description
71	ASBIE	Experience_ Event. Provided. Specified Requirement	A specified requirement provided for this experience event.	0	unbounded	Provided Requirem
72	ASBIE	Experience_ Event. Required. Specified Usage Condition	The specified usage condition required for this experience event.	0	1	Required Usage Co
73	ASBIE	Experience_ Event. Specified. Trade Party	A party specified for this experience event.	0	unbounded	Specified Party
74	ASBIE	Experience_ Event. Distinctive. Specified Feature	A distinctive feature specified for this experience event.	0	unbounded	Distinctive Feature
75	ASBIE	Experience_ Event. Provided. Specified Certificate	A specified certificate provided for this experience event.	0	unbounded	Provided Certificat
76	ASBIE	Experience_ Event. Calculated. Trade Price	A calculated price for this experience event.	0	unbounded	Calculated Price
77	ASBIE	Experience_ Event. Operational. Specified Period	An operational period specified for this experience event.	0	unbounded	Operational Period
78	ASBIE	Experience_ Event. Applicable. Specified Note	A specified note applicable for this experience event.	0	unbounded	Applicable Note

Reference BIE

4. Development of codes (Partial code list)

1 - Normal payment ↵	4 - EPs product and <u>information supplier</u> ↵
2 - <u>Delayed payment</u> ↵	5 - EPs operator ↵
3 - Penalty payment ↵	6 - EPs wholesaler ↵
4 - Deficit payment ↵	Trade_ Party. Type. Code ↵
5 - Refunded ↵	1 - Buyer ↵
Payment_ Trade Settlement. Status. Code ↵	2 - Seller ↵
1 - Fully paid ↵	3 - Intermediary ↵
2 - Not yet paid ↵	4 - Payer ↵
3 - Partly paid ↵	Trade_ Price. Bracket_ Type. Code ↵
4 - No payment needed ↵	1 - Single room or equivalent space plus breakfast and dinner ↵
Pet_ Animal. Category. Code ↵	2 - Twin room or equivalent space plus breakfast and dinner ↵
1 - Dog ↵	3 - Family room plus breakfast and dinner ↵
2 - Cat ↵	Trade_ Price. Determination. Code ↵
3 - Bird ↵	1 - No Show ↵
4 - <u>Rabit</u> ↵	2 - Cancelled on check-in date ↵
5 - Mouse ↵	3 - Cancelled up to 1 day prior to check-in date ↵
Special_ Query. Response_ Status. Code ↵	4 - Cancelled up to 2 days prior to check-in date ↵
5 - Responded ↵	5 - Cancelled up to 3 days prior to check-in date ↵

5. EPs expectations and tasks

EPs Technical Artifacts

Local EP developments

- Every area in a country, even a local area could have EPs.
- Any business entity, or even a private person could develop EPs.
- New IT technologies (Blockchain, XR, API, etc.) are emerging and applicable.

support

Experience Programs

support

Challenges for EP SMEs

- Poor capital
- Lack of IT capability
- Weak management
- Poor service level of transportation
- Fewer quality accommodations

Environmental and social factors

- Re-vitalization of local areas
- Fondness of people for visiting local areas
- Consciousness of sustainable environments by visitors

6. Support to apply EPs TA among business communities



- 1) EPs TA is ready for use by any one or organization.
- 2) T/T Domain experts will encourage its use in the T/T domain community together with the relevant IT developers.

7. Development to the next step of the project

- 1) The Project Proposal named as 'API Transformation of EPs Technical Artefacts with Sustainability Claims' was recently approved by Bureau.
- 2) This is the next step of the project, 'Experience Programs Technical Artefacts Project'.
- 3) This will be completed in a year starting now.
- 4) The main purpose is to make the use of EPs TA easier.
- 5) One of the major scopes is the transformation of EPs TA into API formats based on the UN/CEFACT API Specifications.
The other one is to develop the BIEs of Sustainability Claims by using the output of 'Business Standards for Sustainable Tourism Project'

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**Thank you for your
attention!**

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