

UMP Change Request template

Subtitle

Authors: ***

Last updated: 28 August 2003

Copyright © 2003 Alexander Kozlinski.

Permission is granted to use, copy, modify, merge, distribute, sublicense, publicly display, publicly and/or digitally perform, publish and/or sell copies of this document under the terms of the UMP end—user license agreement (UMP—EULA). A copy of the UMP—EULA is included in the section entitled " UMP end—user license agreement (UMP—EULA)".

Contact information: Alexander V. Kozlinski, <mailto:alexkozlinski@uni-mod.com>

Contents

1. External model (user view)	2
1.1. Base concepts	2
1.2. Problem(s) to be solved	2
1.3. Procedure	2
1.4. User instruction (user model or view by user)	3
1.4.1. Sample data (test cases)	4
1.5. Administrator's instruction	4
2. Logical model (the analyst view)	4
2.1. Use Case diagram	4
2.2. Data flow diagram	6
2.3. List of use cases (processes)	7
2.3.1. Use case (process) title	7
2.4. Data model	7
3. Physical model	8
3.1. Data	8
3.1.1. Table attribute	9
3.1.2. Classifiers	9
3.2. Module structure	9
3.2.1. Mapping use cases (processes) on modules	9
3.2.2. Structure chart	10
3.3. Menu	10
3.4. Labels	10
3.5. Messages	11
4. Appendix: Diagram samples	11
4.1. Activity Diagram	11
4.2. Use case diagram	12
4.3. State—transition chart	12

UMP end—user license agreement (UMP—EULA) _____ **13**

[NOTE: the sequence of the CR sections IS NOT necessarily the same as the CR development sequence! For instance, external model screens (but not their contents!) could be developed after completion of the design and even code phase – use iterative approach.

DO NOT OMIT sections: if you have nothing to say, honestly put NONE or !DO NOT KNOW! or !TBD!]

1. External model (user view)

[This section describes system changes from the user's point of view. Ideally it should be inserted to become the user's guide without too much rework.]

1.1. Base concepts

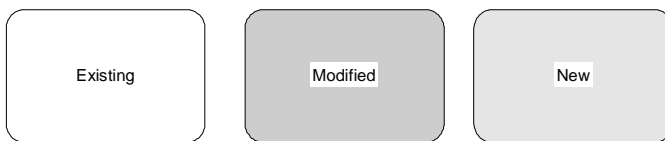
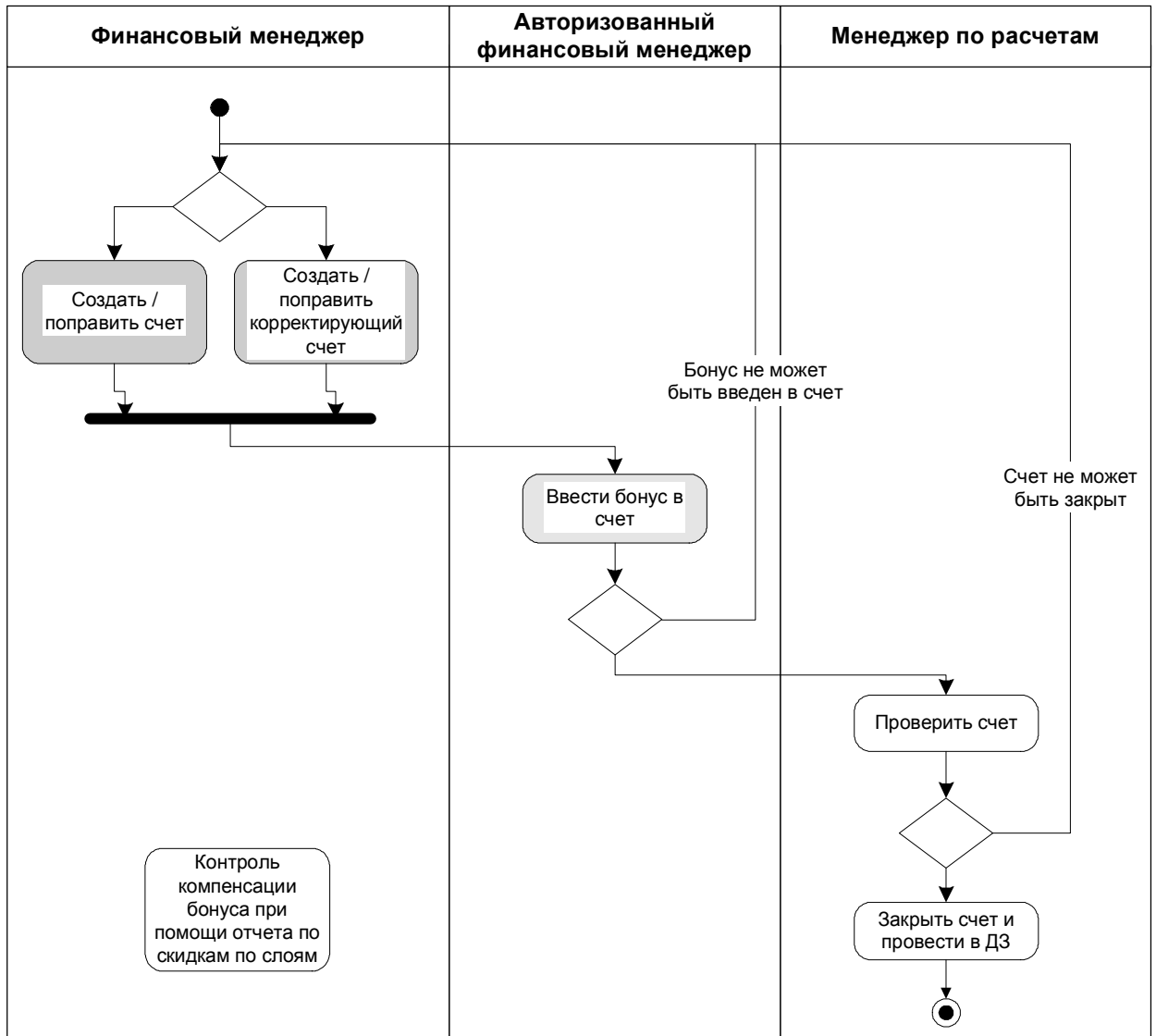
[Put here a list of the main concepts related directly to CR and their brief definitions. Reference to other documents is possible.]

1.2. Problem(s) to be solved

[Put here a list of USER's problems to be solved by this CR. Reference to other docs (e.g. SRS) is possible.]

1.3. Procedure

[Put here the ACTIVITY DIAGRAM: separate swimming lane for each user.]



1.4. User instruction (user model or view by user)

Menu...

{

- [Step by step instructions](#)
- [Screens](#)

Ввод скидок области действия документа		
Код скидки	Сумма	Состояние
BONUS	300.00	?

Disc. ID	Discount description	Scope	Subtype ID	Start	End	M
RSFM	Раут-Селл Опт.Рынки до 28/10/02		Channel	25/10/02	27/10/02	-
RSKP	Раут-Селл Киоски и Пав. до 28/10/02		Channel	25/10/02	27/10/02	-
32236	Интерменеджмент %		Customer	28/10/02	30/10/02	-
PT&PCh	2л Пепси Черри и Пепси Твист для SM		Customer	28/10/02	31/10/02	-
37415	Золотая Осень %		Customer	28/10/02	31/10/02	-
36239	Гуршумов %		Customer	28/10/02	31/10/02	-
37394	Дистрибуидоро Эспаньола %		Customer	28/10/02	31/10/02	-
33753	ГТК Россия %		Customer	28/10/02	31/10/02	-
34575	Комек %		Customer	28/10/02	31/10/02	-
3995	Данвеста ЗАО %		Customer	28/10/02	31/10/02	-
21676	Велас Трейд ООО %		Customer	28/10/02	31/10/02	-
Evian R1	Продукты Оптом, Транс-Аква, Платан		Region	28/10/02	31/10/02	-
Бонус 1	Бонус отличникам	DOC	Bonus	15/07/03		-

1ДЕТАЛИ 3ГРУППЫ 4 5УСЛОВИЯ6ПОИСК 7СОЗДАТЬ8 9РЕДАКТ 0ВЫХОД

- Reports

]

1.4.1. Sample data (test cases)

[Sample data or test cases are the mandatory part of the requirements. It's bad style when test cases are invented **after** the programming is done. Back the requirement with a number of illustrative examples (test cases).]

1.5. Administrator's instruction

[The step-by-step system administration instruction, necessary to launch the implemented CR, which COULD NOT be implemented by the installation pack.]

2. Logical model (the analyst view)

[The logical model shows the system structure INDEPENDENT of its physical platform.]

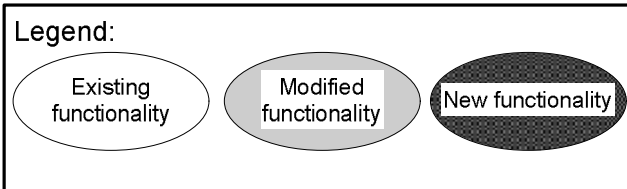
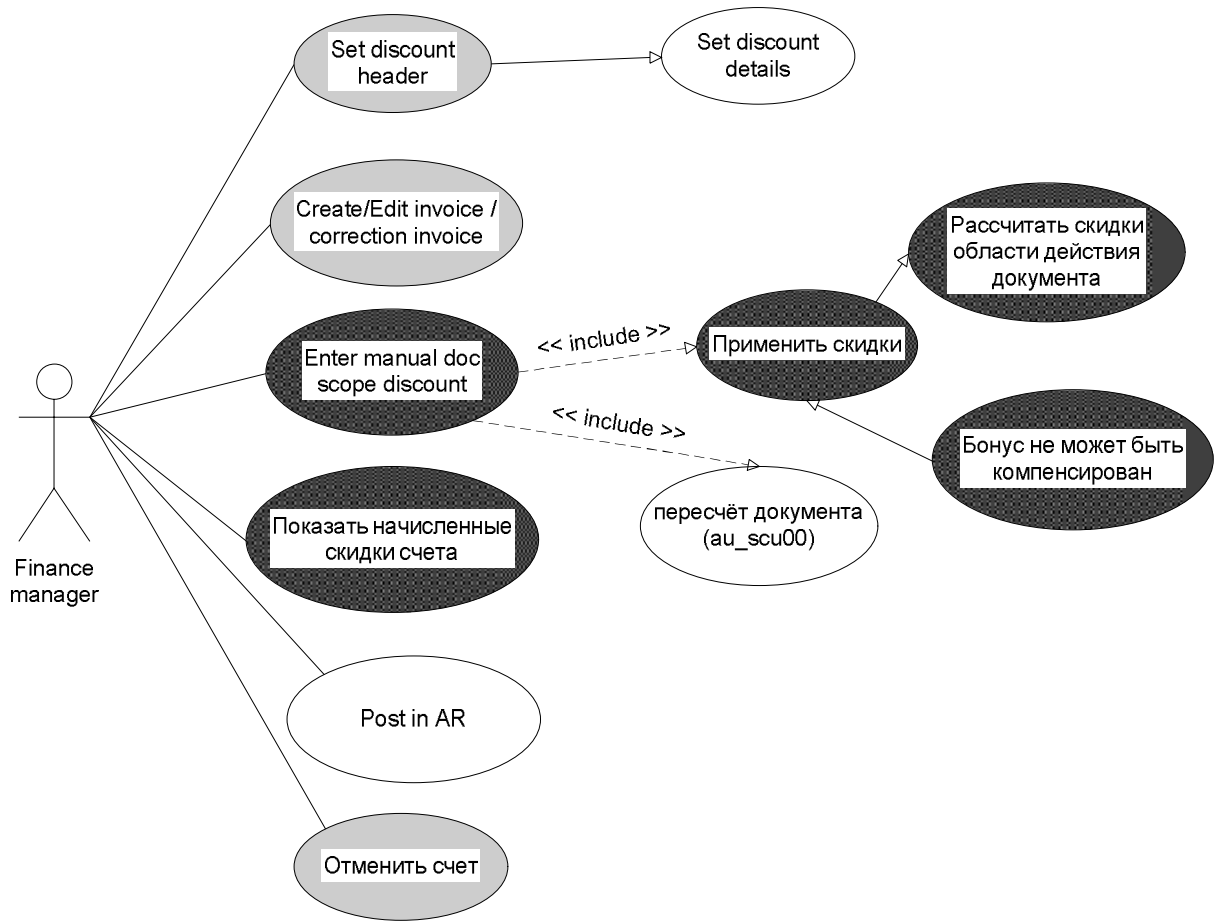
2.1. Use Case diagram

{Decide: use case or data flow diagram.

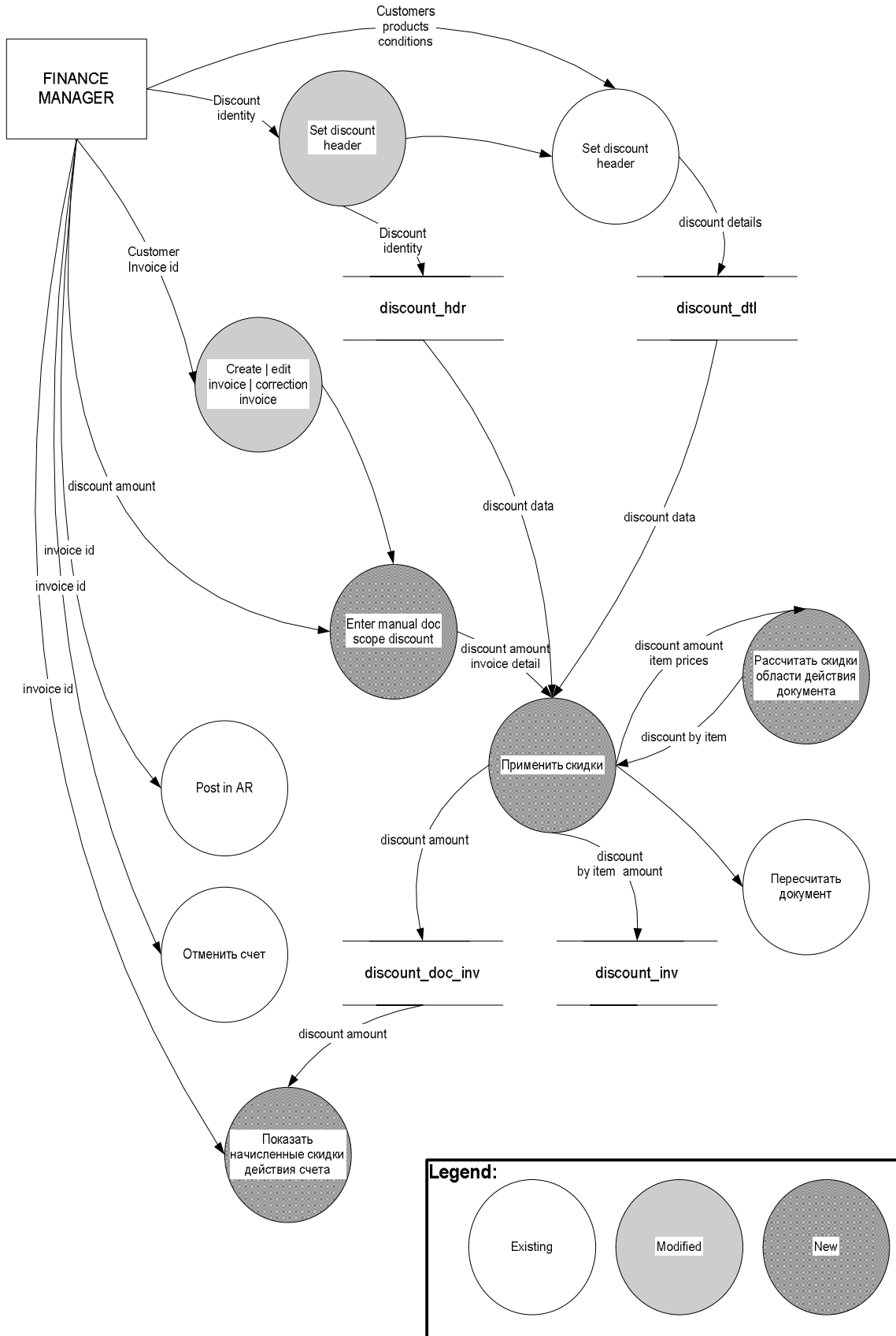
The use case title in active form:

<**Does** something OR
Do[ing] something OR
 Some **event occurred**>

Do not use auto-numbering to label use cases!}



2.2. Data flow diagram



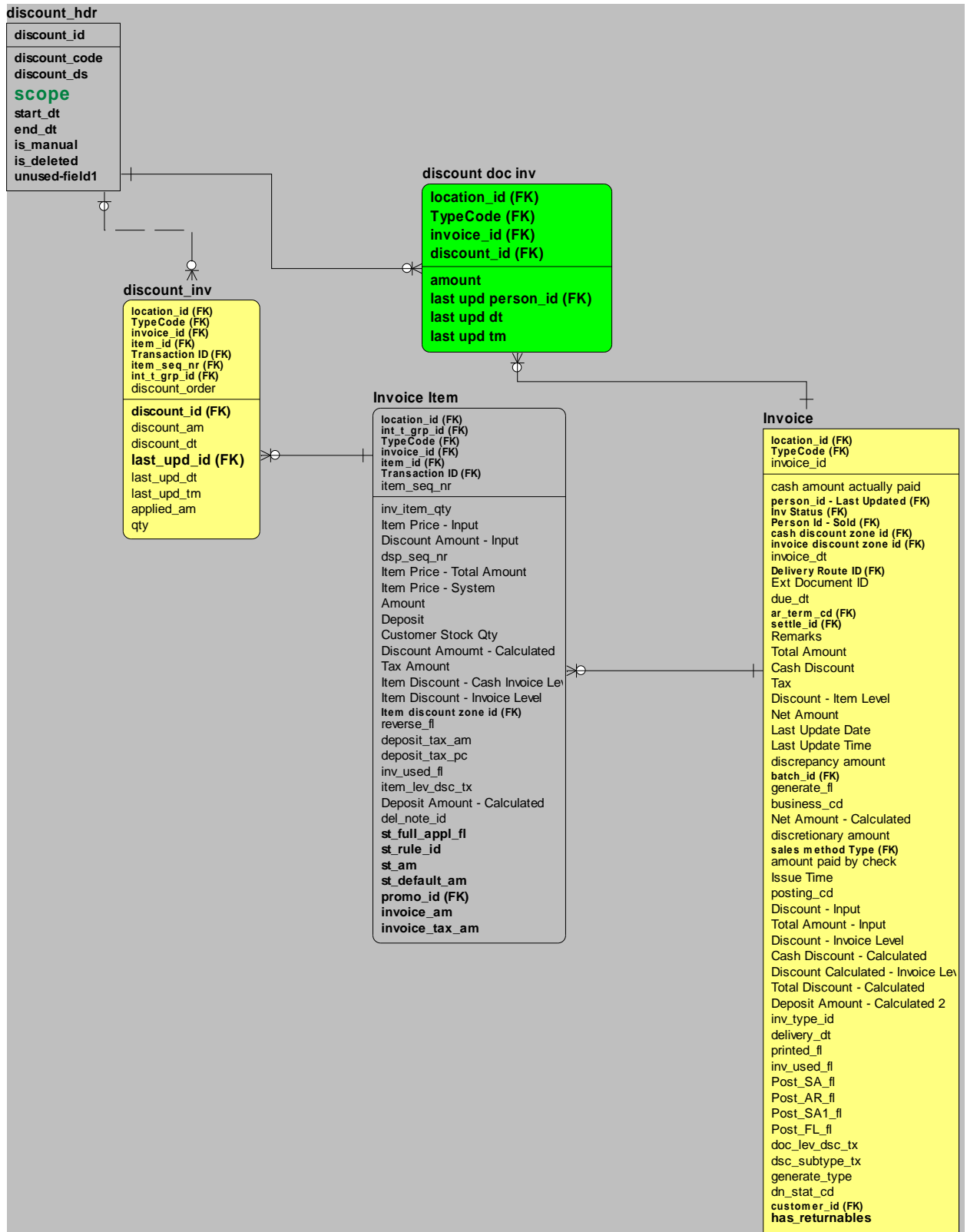
2.3. List of use cases (processes)

2.3.1. Use case (process) title

Purpose	Goal to be achieved by the use case
Screen forms	Screens with highlighted inputs / outputs
Reports	Reports produced by the use case
Assumptions	Conditions that must be true for the use case to end successfully
Processing rule (steps, actions)	Interactions between actors and system that are necessary to achieve the goal: <ul style="list-style-type: none"> • Action diagram or • Pseudo code for strictly sequential steps
Exceptions (optional)	Any variations in the steps of a use case. Each assumption should be stated in a declarative manner, as a statement ascribing “true” or “false” values
Non-Functional (optional)	List of non-functional requirements that the use case has to meet.
Sources	Sources for the requirement
Issues	List of the remaining issues to be resolved
	<i>Physical view</i>
Module name	
Inputs	
Outputs / Returns	
Calling / References	
Programming Notes	

2.4. Data model

<Put here the ER logical model. Mark New / modified entities & attributes>



3. Physical model

3.1. Data

[Put here:

- Table Attribute reports with columns: Tables Name, Column Name, Datatype, Header, Is PK, Is FK, Format. Mark New / modified entities & attributes
- Index report

]

3.1.1. Table attribute

[Automatically generated – do not waste time to prepare it manually]

Table	Index	Attribute	Type

3.1.2. Classifiers

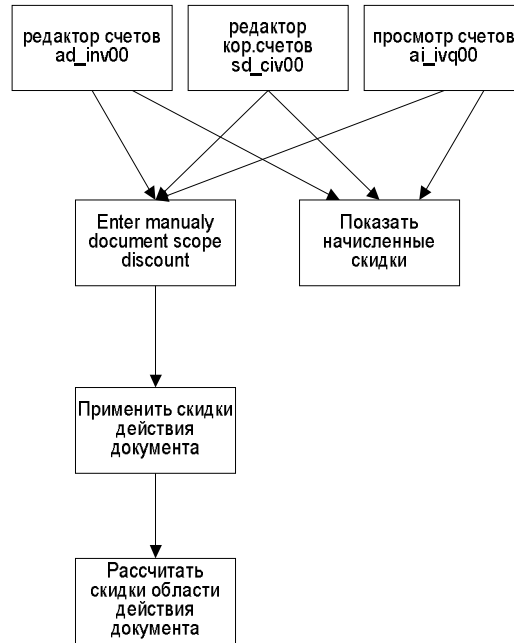
[Define the classifiers values.]

3.2. Module structure

3.2.1. Mapping use cases (processes) on modules

<i>Use case</i>	<i>Module</i>	<i>New / Existing</i>

3.2.2. Structure chart



3.3. Menu

[Put here the summary from the External model.

If there are user menu changes/impact, they shall be explicitly described here AND in the user release note. This is the CR analyst’s responsibility.]

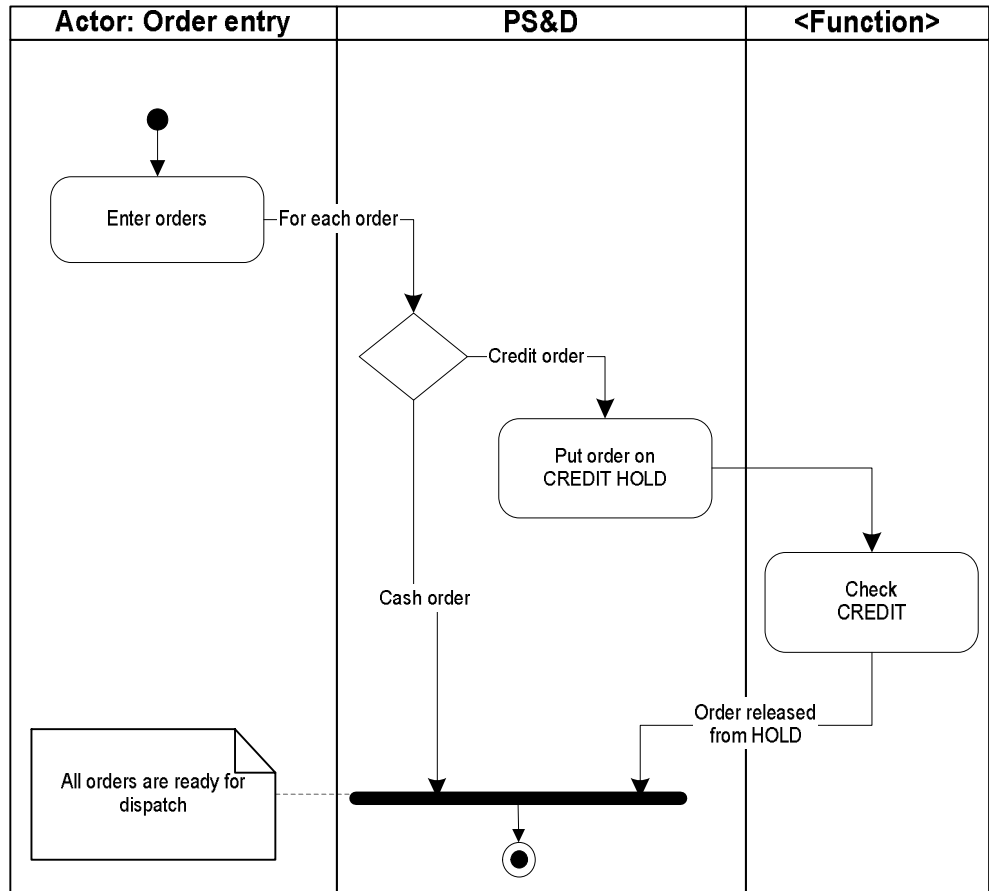
3.4. Labels

#	ID	Label in English	Label in Russian

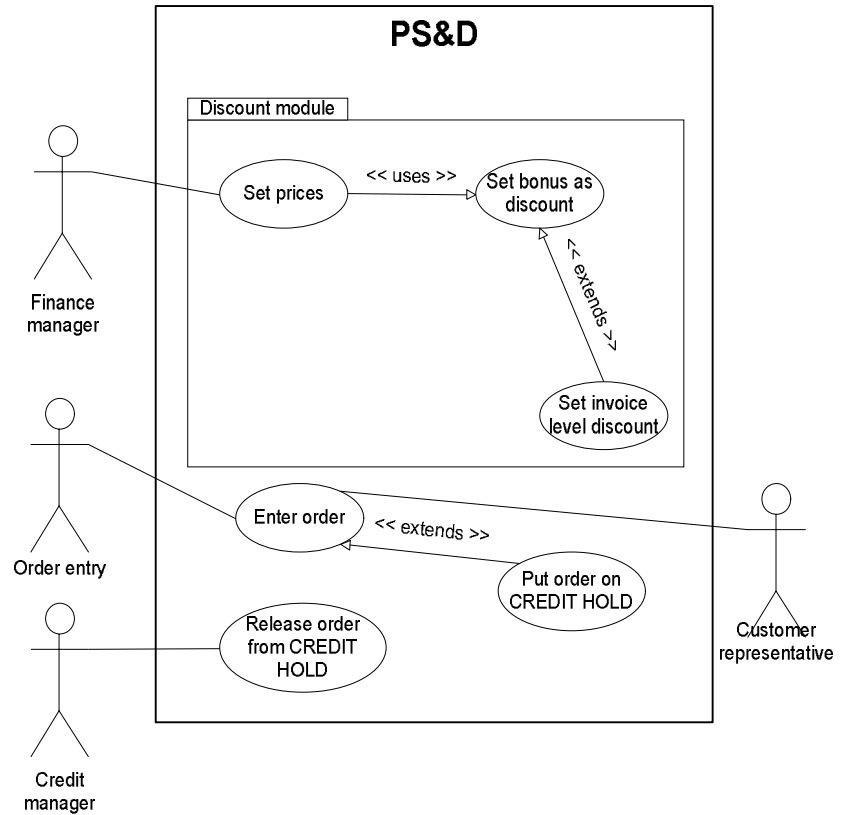
3.5. Messages

4. Appendix: Diagram samples

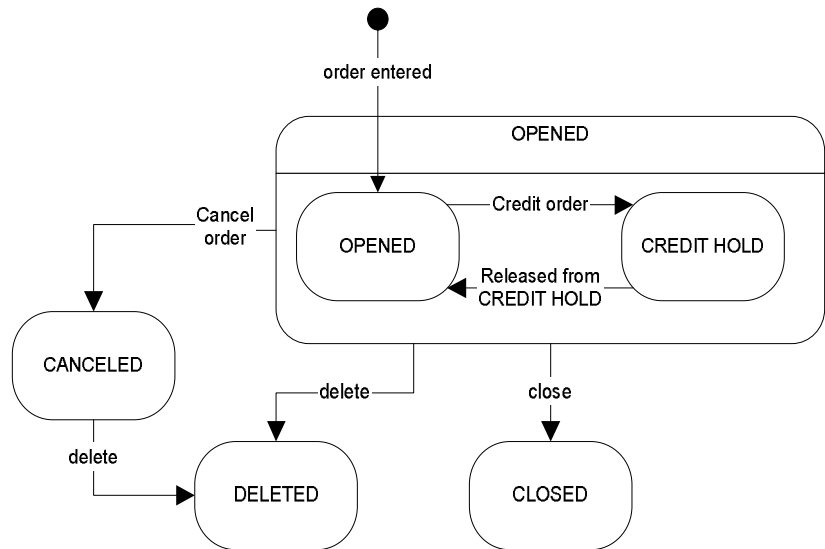
4.1. Activity Diagram



4.2. Use case diagram



4.3. State—transition chart



UMP end—user license agreement (UMP—EULA)

Copyright © 2003 Alexander Kozlinski, www.uni-mod.com

"UniModelers Process" and UMP are trademarks of Alexander Kozlinski

1. Permission is hereby granted, free of charge, to any individual or entity obtaining a copy of this software and associated documentation files (the **Toolkit**), to deal in the **Toolkit** and to engage in any actions related to same without any restrictions whatsoever.
2. If you distribute, sublicense, publicly display, publicly and/or digitally perform, publish and/or sell copies of the **Toolkit** or any Derivative Works or Collective Works, you must include in all copies or substantial portions of the **Toolkit** the above copyright notice and this permission notice.
3. **The Toolkit is provided "as is", without warranty of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular purpose and non-infringement. In no event shall the authors and/or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of, or in connection with, the Toolkit or the use or other dealings in the Toolkit.**

***** end of UMP—EULA *****

The UMP—EULA is based on the MIT License and Creative Commons License.