Svømmeklubben delfinen

Team NullPointerException

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https://github.com/Cannabis2013/DelfinProjekt

https://trello.com/b/6w1z4adn/delfinprojekt

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User stories

As a chairman, I want to be able to register & enroll new members, so that new members are registered in the system.

- The user is prompted a request for the member's name, age and whether the member is to be of active or passive status. In the case where a member has chosen to be of active status, the user is prompted to enter the desired disciplines of the member. The prompt should contain instructions of what is to be written at specific moments of the registration.

As a cashier, I want to be able to see an overview of unpaid membership fees, so that we know who has not paid their fees yet.

- The user is shown an easy-to-understand list containing the member IDs and names.

As a cashier, I want to be able to see an overview of the expected annual income for the swimming club, so that the club knows how much money they can expect to be available.

- The user is shown a descriptive text containing the expected payment amount.

As a trainer, I want to be able to register a new training result for a member, so that their performance log is always up to date.

- The user is prompted to enter a member ID, discipline, date of interest and completion time. The prompt should contain instructions of what is to be written at specific moments of the registration.

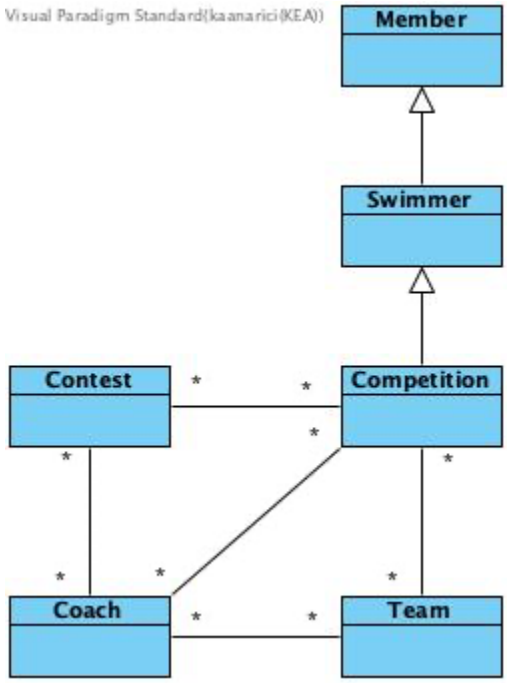
As a trainer, I want to be able to register a new competition result for a member, so that their competition performance log is always up to date.

- The user is prompted to enter a member ID, name of the convention of interest, date of interest, final rank and time result. The prompt should contain instructions of what is to be written at specific moments of the registration.

As a trainer, I want to be able to see an overview of the top 5 performers for each discipline, so that I know who to pick for competitions.

- The user is shown an easy-to-understand list of all disciplines with at least one performance. This list is to be sorted from best to worst. It should only show the top 5 performances in the case where there are more than 5 registered performances for one category.

Domænemodel



1. Domænemodel

Interessentanalyse

Interessent analyse:

Interessentanalyse

Projekt	Udfyldt af	Dato

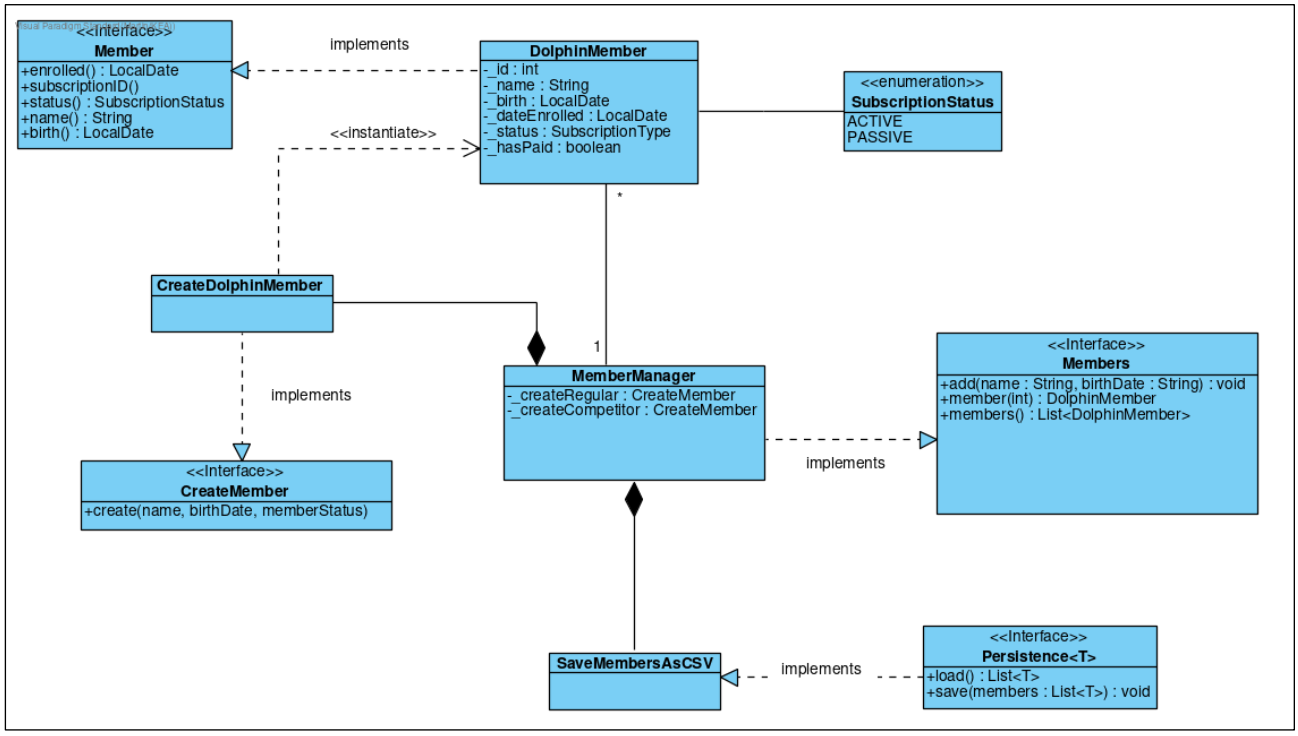
Medvirken

Skal medvirke, men har beskeden indflydelse (Gidsler) **De øvrige medarbejderne i svømmehallen** De øvrige medarbejdere skal ligesom kassereren og trænerne på daglig basis bruge systemet (administrativt arbejde, hjælpere til trænerne osv.) og bliver derfor påvirket. De har dog ikke det store at sige ift., hvordan systemet bliver opbygget, da dette ansvar ligger hos trænerne, kassereren og formanden.	Skal medvirke og har stor indflydelse (Ressourceperson) **Klubbens formand / bestyrelsen, kassereren og trænerne** Klubbens bestyrelse har bestilt projektet, og det går formentlig igennem dens formand. I sidste ende er det også bestyrelsen, som skal godkende produktet. Formanden, kassereren og trænerne kommer på daglig basis til at benytte systemet, og derfor skal der lægges særligt meget vægt på disse personers interesse.
Peter, Patrick og Tine **Mulige Investorer** Disse overser projektet. De har ikke direkte nogen interesse i, hvordan det opbygges, men derimod at der er et endeligt produkt, som lever op til forventningerne, i sidste ende. Skal ikke medvirke og har beskeden indflydelse (Perifere interessenter)	**Udviklerne** Udviklerne er blevet sat til at lave projektet. De bliver ikke selv påvirket af det endelige produkt, men de har en stor indflydelse på, hvordan det endelige produkt ender med at blive. Skal ikke med virke, med har stor indflydelse (Grå eminence)

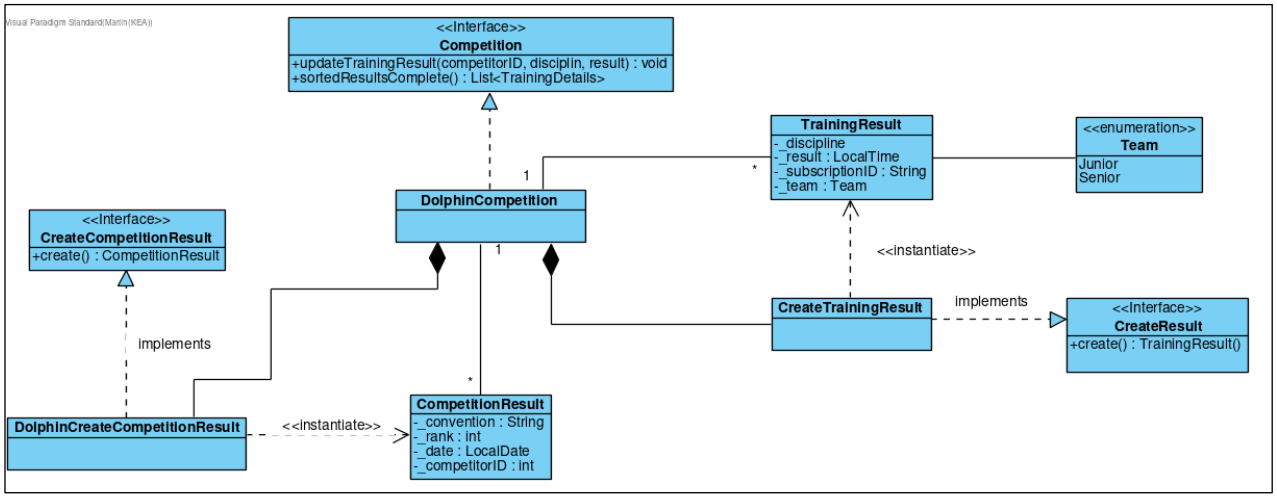
Indflydelse

2. Interessentanalyse

Klassediagram

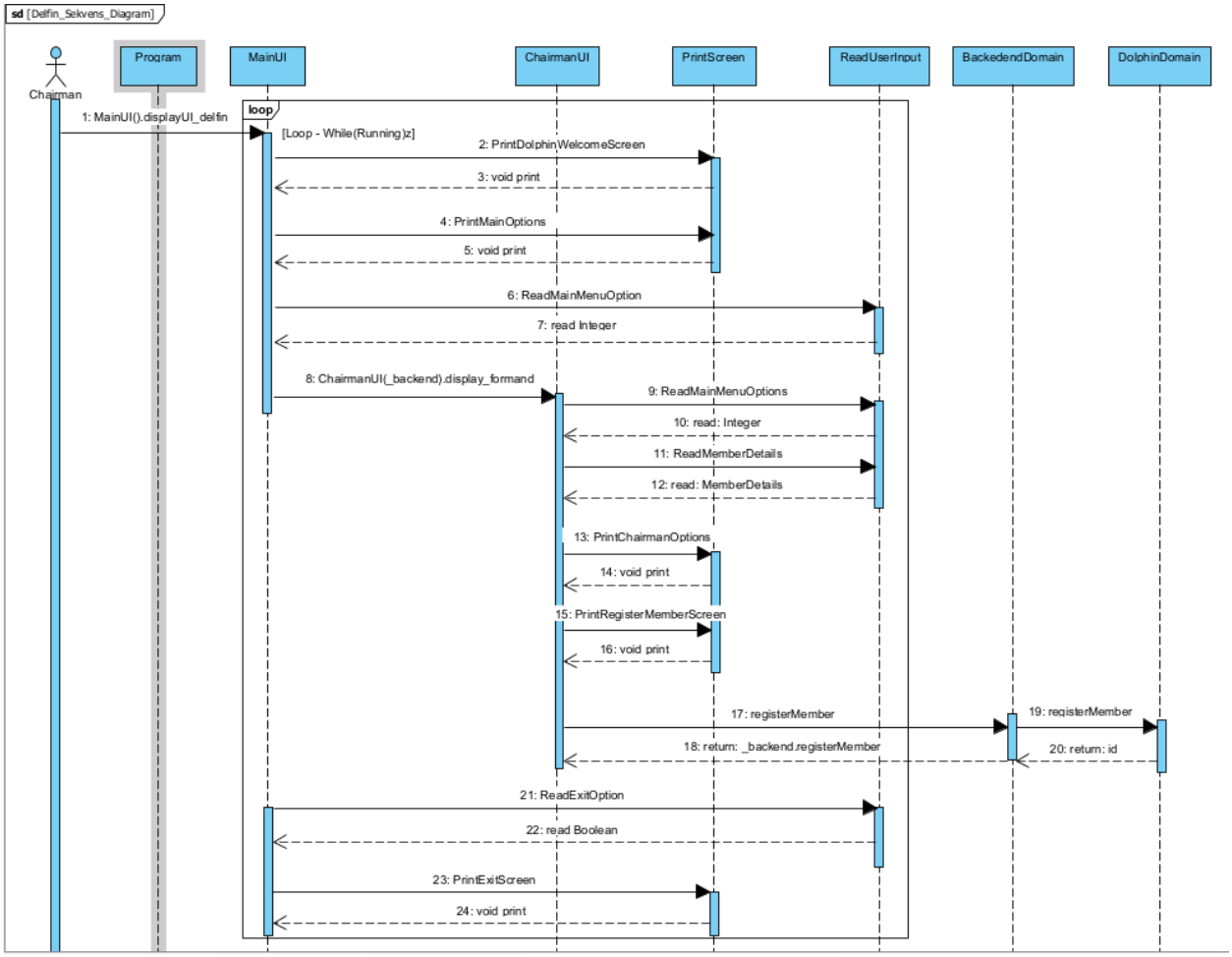


3. Klassediagram over memberhåndtering



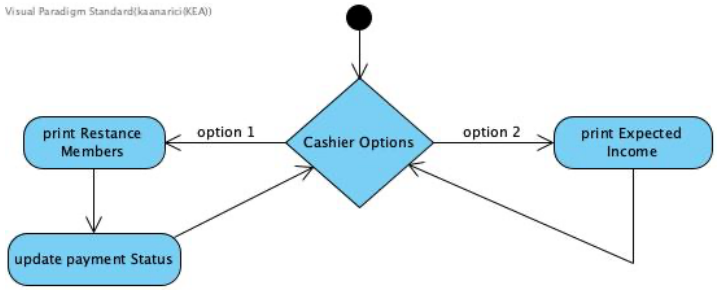
4. Træning- og konkurrenceresultatshåndtering

Sekvensdiagram

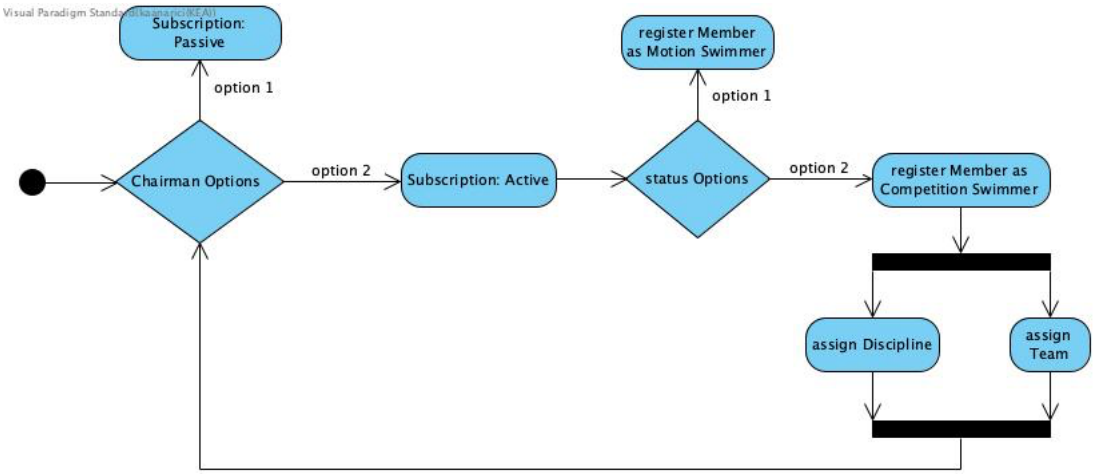


5. Sekvensdiagram

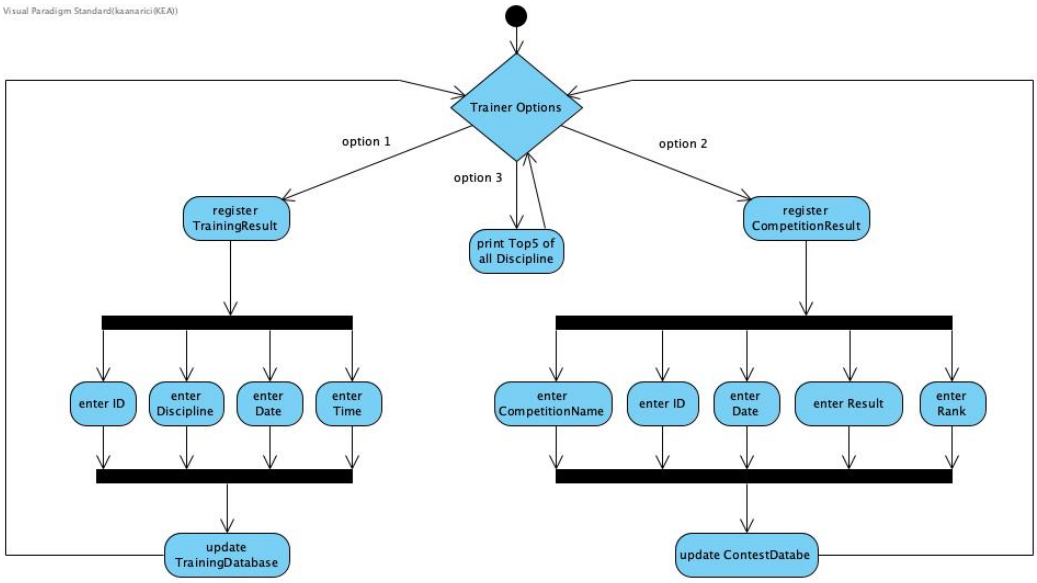
Aktivitetsdiagrammer



6. Kasserer



7. Formand



8. Træner

Risikoanalyse

Risk-analyse

Project: Delfin				Filled by: NullPointerException	Date: 11/5 - 2022
What can happen? *Hunger! and Energy! deficiency – Basta!*	Consequence (1-5)	Probability (1-5)	Risk-number (K x S)	Actions: Preventive:	Mitigating:
R1: Non-attendance (Absent) Personal contact online / offline.	4	2	8	Inform the group. Or a team member.	Be present unless otherwise stated.
R2: Missing deadlines. (Laziness) inexperience / doubt / uncertain.	4	3	12	Do your best. Ask the group / others.	Rather an attempt at a result, than passivity.
R3: Syntax code error messages. (deliberate / un-deliberate)	3	4	12	Do your best. Ask the group / others.	Guidation / CodeLab Exp people from outside.
R4: Out of reach internet. + Power. (Githubs – Pushes terms)	5	1	5	Inform / ask people. In home, fix it.	Find the alternatives, to avoid the obstacles.
R5: Sickness – Fever – Corona, osv.	4	1	4	Inform the group. Or a team member.	Avoid infecting others. Clear, rather than bad.
R6: Work / Family duties.	2	3	6	Inform the group. In good time. Deals.	Take care of the duties. Do what you can then.
R7: Frustrating code implementations. Learned or not proper learned yet.	3	4	12	Do your best. Ask the group / others.	Guidation / CodeLab Exp people from outside.
R8: Set aside time for varied tests. (Thoroughly test the robustness)	3	3	9	Planning from the group perspective.	Divided the work. Or finish certain topics first.
R9: Counteracting code compositions GRAPS principles.	4	3	12	Strive to get a better insight in the topics.	Better understanding of the work divisions.
R10: Documentation time, takes too long. Instead of the primary product.	3	2	6	Must take a starting-point, in current results.	Stand by the analytical arguments we shows.
R11: Conflicting conflicts. Discussions / Overlaps	4	2	8	Calm overview and summarized intention.	Get a statement about the situation. Follow on.