

New ICF Based Information System for Vocational Rehabilitation and Assessment

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VIRK Vocational Rehabilitation Fund

Introduction

- Spring 2015
 - Virk vocational rehabilitation fund decides to invest in a new Information system
 - At the same time there was a atmosphere of reevaluation at Virk
 - Opportunity to design a new information system based on Virk's experience

Designing an Information System

- Winter 2015/2016: Need assessment together with an IT business consultant
- September 2016: Contract with *OutSystems* for buying a software platform
- December 2016: Contract with *Advania*, an Icelandic IT firm for development of an information system based on that platform
- April 2017: Programming begins
- May 15th 2018: A Information system named Yoda launched

The designing process

How to make an Information System for The 21st Century?

- Not a file organizing system
- Not a business process system
- **The information system should focus on the quality of the information itself**

Our Philosophy

- Quality of a service is dependent on the quality of decisions
- Quality of decisions in turn is dependent of the quality of the information and quality of the evaluation of that information
- Rehabilitation is management
 - Case management
 - Organizational management
- Information on content of the rehabilitation is essential for a successful management
 - Is ICF a gamechanger?

Our Aspiration

- To design a system that would deliver a high quality information of content to support high quality evaluation of that information

High quality information

- Current
 - Up to date
 - The trajectory incorporated into the information
- Accessible
 - Easy to get oversight
 - Easy to modify

High quality information

- Relevant
 - Volume appropriate
 - Related to function, activity and participation of the individual
 - Related to the purpose of service
- Comprehensive
 - Biopsychosocial
 - Multidisciplinary

Hopes for ICF

- ICF should be useful in both case management and organizational management
 - ICF describes the of content in rehabilitation
 - Biopsychosocial-
 - Functional description of the individual.
 - ICF has an element of quantification that can be linked to specific purpose
 - ICF can be linked to measuring instruments that can measure change

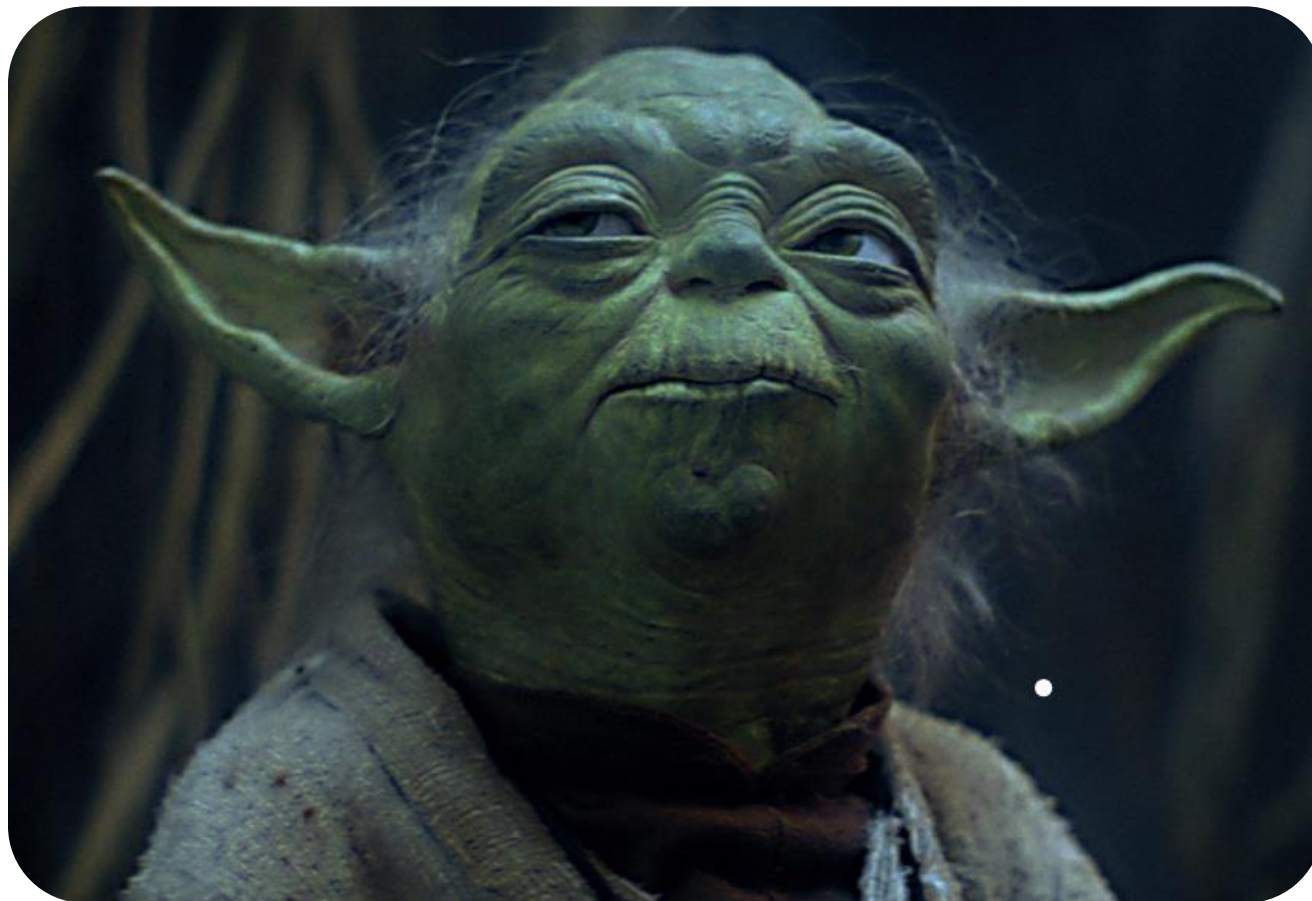
Designing an Information System

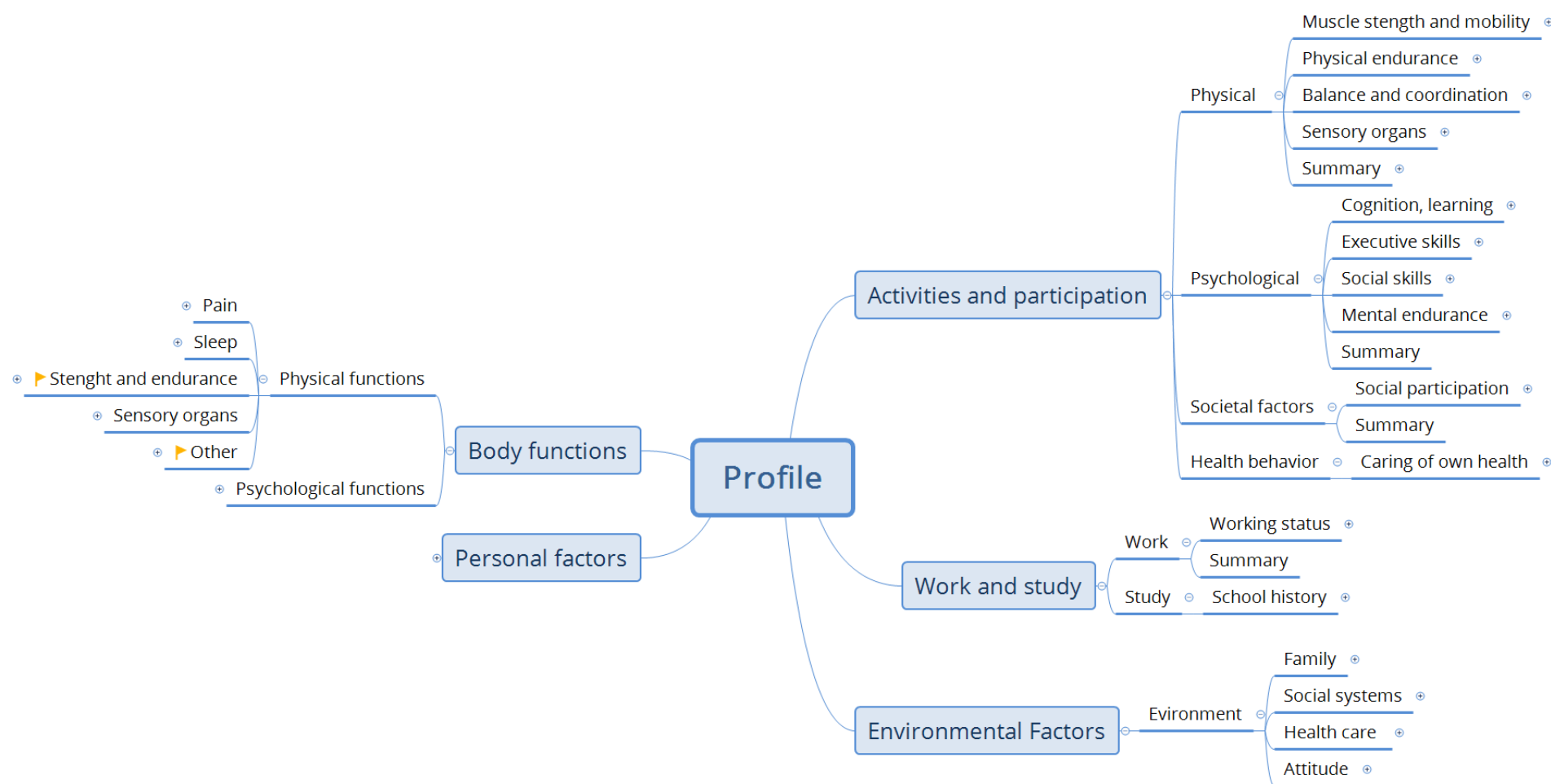
- Designing team at Virk
- External Consultation
 - Vocational rehabilitation experts outside Virk
 - Reuben Escorpizio, USA and Switzerland
 - Monica Finger, Switzerland
- IT designing team

Source of information

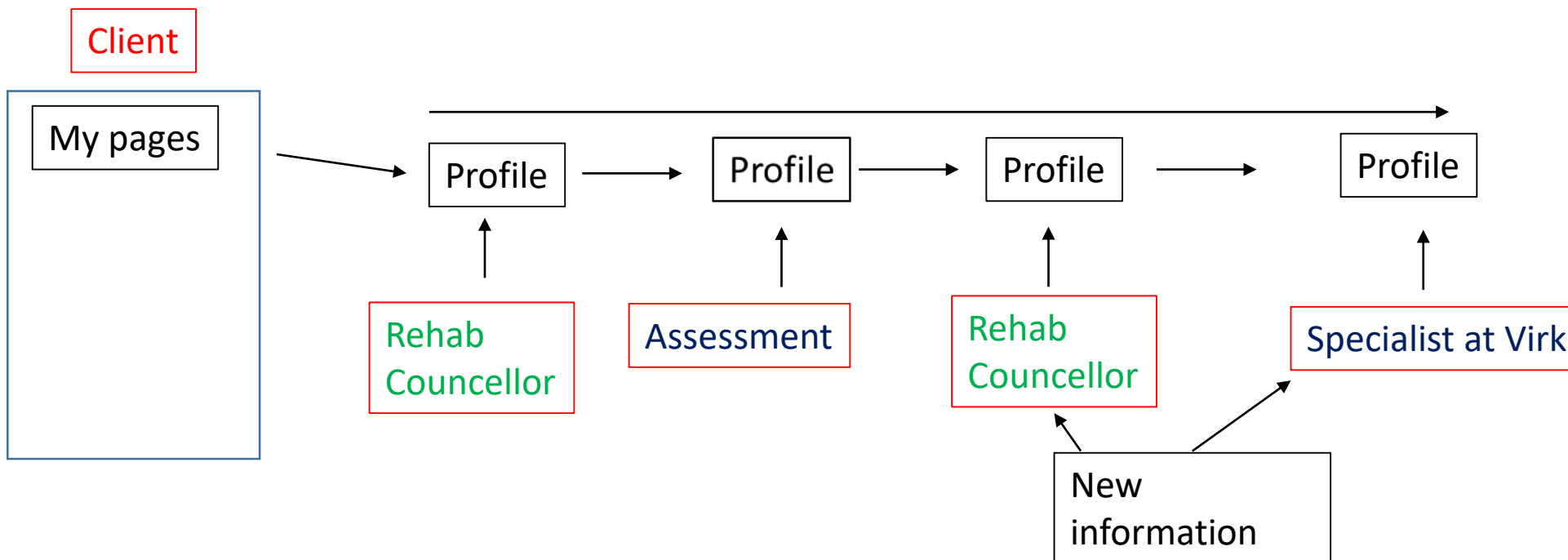
- Virk's previous information system
 - Egenvurdering -Norway
 - Resorceprofilen- Denamark
 - SASSAM – Sweden
- WORQ
 - Work Rehabilitation Questionnaire
 - <https://www.myworq.com>
- EUMASS core set
- Vocational rehabilitation core set
- Swedish workability assessment

Yoda





Up to date information



The client has first to answer some questions on My Pages

[illegible]

Yoda – the profile

Labor market

Staða á vinnumarkaði

Physical factors

Styrkur og hreytanleiki

d470Nota farartæki2

Psychological factors

Þráttur, hattisgæta, einbeiting

d163Að hugsa3
d160Einbeita sér2
d470Nota farartæki2

Environment

e310Nánasta fjölskylda2

Education

Skólaganga

Likamlegt úthald

Likamlegt úthald0

Framkvæmdageta

d230Fylgja dagaskipulagi4
d160Einbeita sér2
b152Tilfinningalíf2

Félagskerfi

Félagskerfi0

Social factors

relegsleg þátttaka

b152Tilfinningalíf2

Jafnvægi og samhæfing

Jafnvægi og samhæfing0

Félagsfærni

d720Flókin samskipti3
d315Skilja tjáningu án orða2
d710Grunnsamskipti2
b152Tilfinningalíf2

Heilbrigðisþjónusta

Heilbrigðisþjónusta0

Health behavior

hugsa um eigin heilau

Skynfæri

d110Horfa3
b210Sjón3

Andlegt úthald

d160Einbeita sér2
b152Tilfinningalíf2

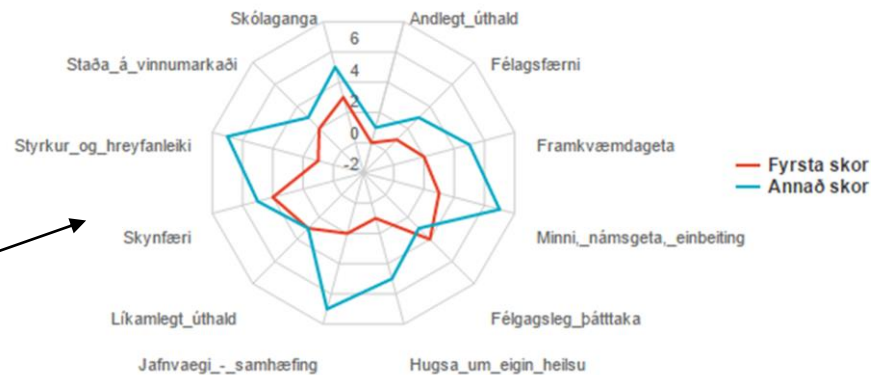
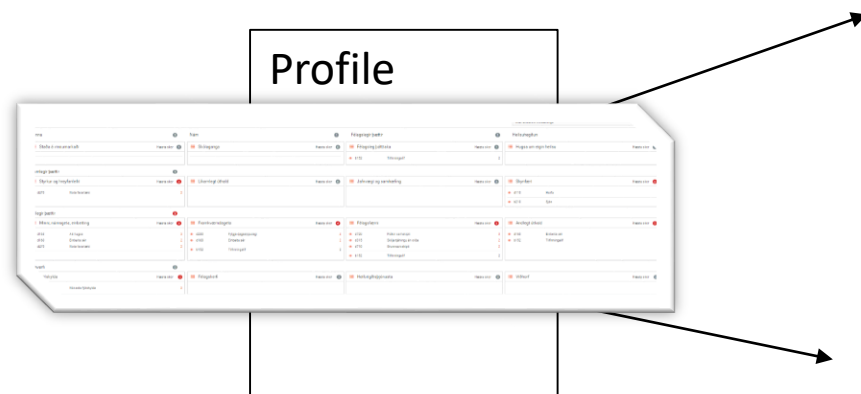
Viðhorf

Viðhorf0

- Allar einkunnir einstaklings

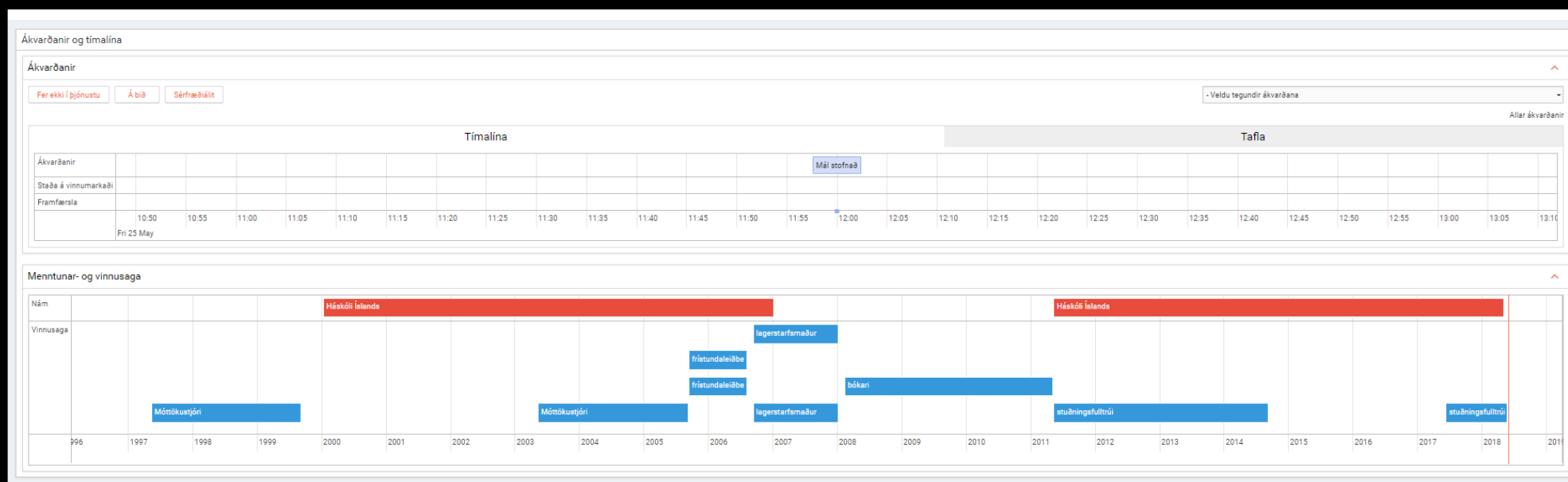
Sýna alla

Oversight of functional information



Summary profile	
Labor market	2
Education	0
Social factors	1
Health behavior	2
Physical factors	2
Psychological factors	3
Environment	-2

Trajectory – the timeline

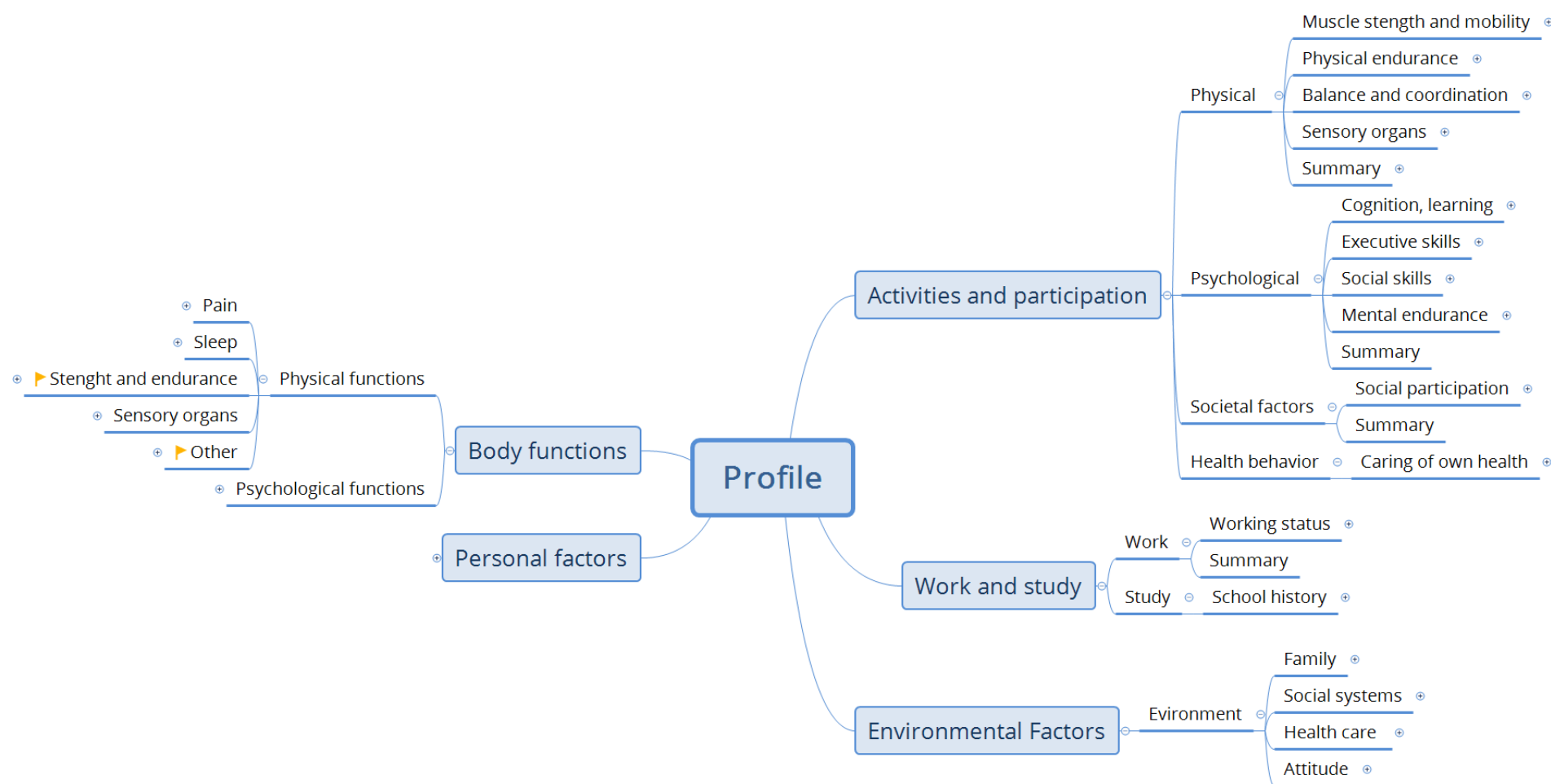


Medical assessment



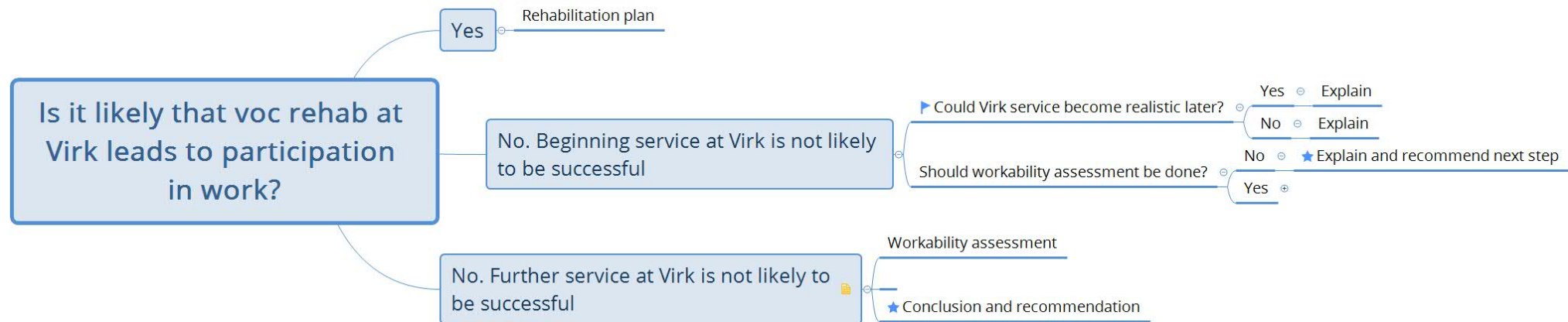
Medical assessment

- Descriptive data
- Evaluations and interpretation of data
- Recommendations
- Decisions



Information relevant to purpose

Evaluation and recommendations



Decisions

Tillögur að markmiðum Ný tillaga að markmiði

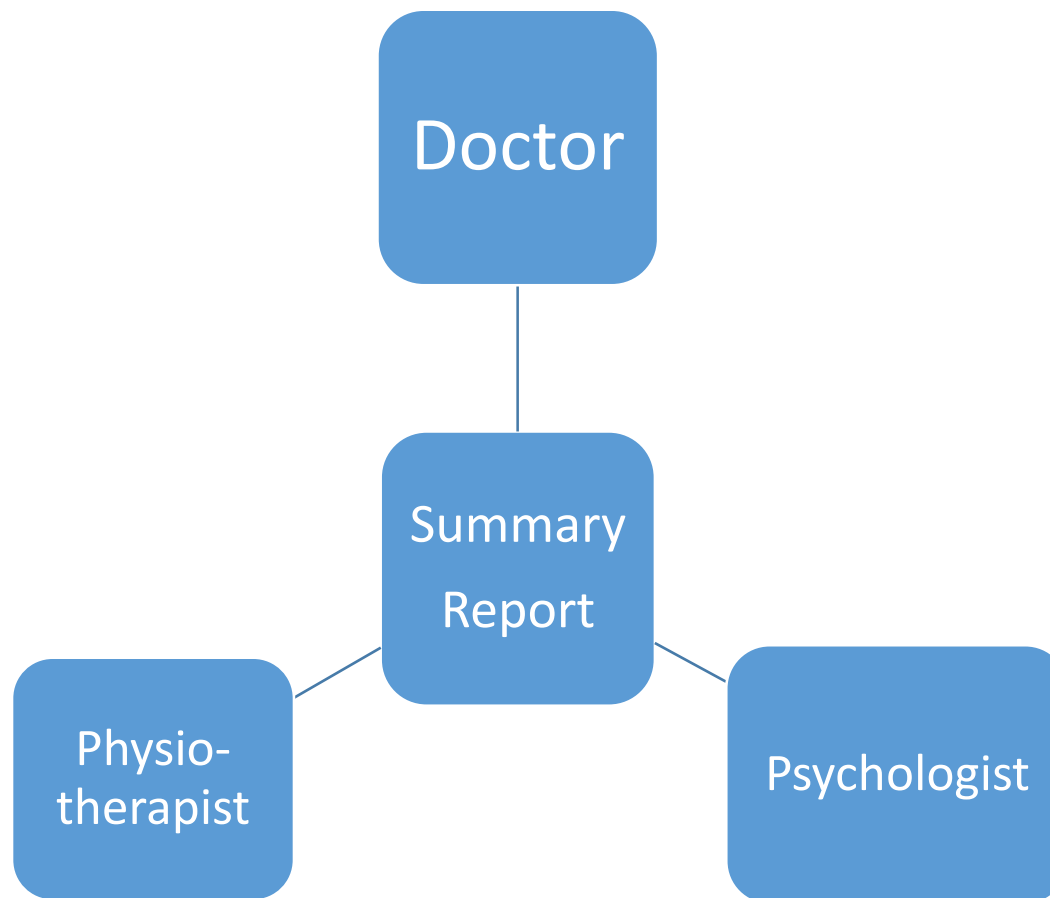
ICF FLOKKUR	ICF	MARKMIÐ	TILLÖGUR AÐ ÞJÓNUSTUM	SKRÁÐ
Heilsuhegðun	d570 Hugsu um eigin heilsu	Regluleg hreyfing	Hvating ráðgjafa	Hans Jakob Beck 08.02.2018
Likamlegir þættir	b455 Áreynsluþol	Þol og styrkur náí meðaltalsviðmiði	Púlver	Hans Jakob Beck 08.02.2018
Andlegir þættir	b126 Skapgerð og persónuleiki d240 Takast á við streitu og annað andlegt álag b134 Svefn b152 Tilfinningalíf	Kviðaskor undir 25 og minni félagsfærni. Bætt streituþol	Sálarstilling Jónmundar	Hans Jakob Beck 08.02.2018
Nám		Hefja nám í geimréttarhagfræði við HAK		Hans Jakob Beck 08.02.2018
Félagslegir þættir	d760 Fjölskyldutengsl	Bæta samskipti í fjölskyldu	Fjölskyldufundur	Hans Jakob Beck 08.03.2018

Áætluð tímalengd í starfsendurhæfingu hjá VIRK út frá faglegu mati

☐ 3 mánuðir

☒ 6 mánuðir

Interdisciplinary information



ICF

Leitaðu eftir númeri eða heiti

NÚMER	HEITI
b126	Skapgerð og persónuleiki
b1300	Orkustig
b1301	Áhugahvöt
b1303	Fýsn (fíkn)
b134	Svefn
b140	Athygli
b144	Minni
b152	Tilfinningalíf
b160	Hugsun
b164	Æðri hugræn starfsemi
b210	Sjón
b230	Heyrn
b235	Jafnvægisstarfsemi
b280	Verkjatilfinning
b455	Áreynsluþol
b710	Hreyfanleiki í liðum
b730	Vöðvastyrkur
b810	Varnarstarf húðar
d110	Horfa
d115	Hlusta
d155	Ávinna sér færni (leikni)
d160	Einbeita sér

Áætlun

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VIRK

Einstaklingar - Þjónustuaðilar - Þjónustur - Dagatöl -

Guðrún Admin - Admin VIRK

Spurningar ráðgjafi

Umsóknir um starfsendunæfingu > Björgheiður Margrét Helgadóttir

Björgheiður Margrét Helgadóttir

ICF

- Allar einkunnir einstaklings

Sýna alla

Atvinna

Staða á vinnumarkaði

Hæsta skor 2 2

d845 Finna, halda og ljúka starfi 2

Nám

Skólaganga

Hæsta skor 2

Félagslegir þættir

Félagsleg þátttaka

Hæsta skor 1

b126 Skapgerð og persónuleiki 3

b164 Æðri hugræn starfsemi 3

Heilsuhegðun

Hugsa um eigin heilsu

Hæsta skor 3

d540 Klæðast og afklæðast 3

Líkamlegir þættir

Styrkur eða hreyfanleiki

Hæsta skor 3

d470 Nota farartæki 3

b235 Jafnvægisstarfssemi 3

b710 Hreyfanleiki í liðum 2

Líkamlegt úthald

Hæsta skor 3

d455 Hreyfa sig úr stað 3

d460 Fara um ýmsa staði 2

b235 Jafnvægisstarfssemi 3

b710 Hreyfanleiki í liðum 2

Jafnvægi og samhæfing

Hæsta skor 1

b235 Jafnvægisstarfssemi 3

b710 Hreyfanleiki í liðum 2

Skynfæri

Hæsta skor 3

d110 Horfa 3

d310 Skilja talað mál 3

b210 Sjón 3

Andlegir þættir

Minni, námsgeta, einbeiting

Hæsta skor 3

d470 Nota farartæki 3

d475 Stjórna farartæki 3

b164 Æðri hugræn starfsemi 3

Framkvæmdageta

Hæsta skor 4

d230 Fylgja degsskipulegi 4

d175 Að leysa vanda 3

b126 Skapgerð og persónuleiki 3

b164 Æðri hugræn starfsemi 3

Félagsfærni

Hæsta skor 3

d350 Samræður 3

d360 Nota samskiptatæki og -tækni 3

d399 Tjáskipti, ótilgreind 3

d710 Grunnamskipti 3

b126 Skapgerð og persónuleiki 3

b164 Æðri hugræn starfsemi 3

Andlegt úthald

b126 Skapgerð og persónuleiki 3

b164 Æðri hugræn starfsemi 3

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13.11.2017

The experience?



