

Why NOT withdraw my resources?

Huu-Phuc Vo

– From 2017-08 to 2018- 02

- Phuc DID NOT have any scientific supervision
- Phuc DID NOT have any ISP during 2017-08 and 2018-02
- Joachim refuses to construct an ISP for Phuc.
 - Evidence: <https://bit.ly/2SUUyQ5>, (https://github.com/Phuc0/why_not_withdraw_resources/blob/master/isp_2015_2019/201708_threaten_to_stop_Phuc_phd.pdf)

– 2017-08: Dave Clarke made a vulgar comment on Phuc's reflections

- Dave and Tobias threatened to stop Phuc's Ph.D. In the meeting.
 - Evidence: <https://bit.ly/2OwQdUy>, (https://github.com/Phuc0/why_not_withdraw_resources/blob/master/isp_2015_2019/201708_threaten_to_stop_Phuc_phd.pdf)
- Dave made a vulgar comment, specifically, Dave commented “WTH is this?”, and sent a copy to Phuc.
 - Evidence: <https://bit.ly/2Kd4zEk>, (https://github.com/Phuc0/why_not_withdraw_resources/blob/master/isp_2015_2019/201708_threaten_to_stop_Phuc_phd.pdf)

– Unrealistic 3-month ISP-2019-0222 (12 weeks)

- Unrealistic ISP because
 - goal 1 (applied logic course) takes **10 weeks**
 - goal 2 (one model pair) takes **2 weeks**
 - vacation takes **2,5 weeks** (13 working days)
 - basic teacher training course takes **5 weeks**
 - The head of department approved my application to take the Basic teacher training course, which will be on 2019-0114, or 2019-0204, or 2019-0325 in the email on 2018- 0919.
 - Evidence: <https://bit.ly/2MwJAZg> (https://github.com/Phuc0/why_not_withdraw_resources/blob/master/work_on_isp_goals/attc_7.Shp/Approval%20from%20fina.pdf)
- In reality, it takes **17.5 weeks** to accomplish all these goals. Under this ISP, in total, one must accomplish **all 17.5-week goals within 12 weeks**. Even though this is the unrealistic ISP, I significantly and seriously respect my commitments under the individual study plan and keep making more progress.

– From 2018-02-06 to 2019-06-12 (16 calendar months)

- The net full-time study and research is 9 months.
- The link to the folder that contains all these evidence and ISP is here
(https://github.com/Phuc0/why_not_withdraw_resources).

1. **isp_2015_2019 folder:** Individual study plan from 2015 to 2019.
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/isp_2015_2019)

2. **timeline.pdf:** Timeline from 11-2015 until now.
(https://github.com/Phuc0/why_not_withdraw_resources/blob/master/timeline.pdf)

3. **why_not_withdraw_resources.pdf:** Includes exchanged discussions via email with supervisors. Evidence of working continuously on ISP.
(https://github.com/Phuc0/why_not_withdraw_resources/blob/master/why_not_withdraw_resources.pdf)

4. **work_on_isp_goals:** Evidence of working on ISP from 2015 to 2019.
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals)

5. **workLog_2018_2019.pdf:** Worklog in details from 2018-2019.
(https://github.com/Phuc0/why_not_withdraw_resources/blob/master/workLog_2018_2019.pdf)

6. **work_at_weekends folder:** Evidence shows that the ISP's goals and publication are identical.
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_at_weekends)

– **From 2018-02 until so far, I have three 3-month ISPs since I changed my research topic from February 2018.**

- Due to sick leave, parental leave, and VAB leave, the last revision date of 3-month ISP was compensated and extended.
- This recent ISP is planned for 3 months (12 weeks) including holidays.
- However, the total amount of time to work on these goals and courses are **more than 3 months (12 weeks)**. If the supervisors clearly ask me to work extra time, I would consider to do that.
 - Goal 1: applied logic course: 10 weeks.
 - Goal 2: repository: 2 weeks.
 - Academic teacher training course: 5 weeks (25 full-time working days).
 - Survey: 2 weeks, interleaving with doing above goals.
 - 1DL451 course: ??? weeks.

– **According to the current ISP, there are 2 goals and 2 remained goals from previous ISP.**

- Goal 1: “Applied Logic” course (10 weeks), there are 4 chapters with approximately 100 exercises to finish, I am still working on this goal by submitting solutions of exercises to my supervisors. Please refer to these evidence.

(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/goal1). This folder contains the emails show that I am working on this goal by submitting solutions and getting feedback from my supervisor.

- Goal 2: “Repository” (2 weeks), I already submitted the source codes of models to my supervisors. After waiting for approximately a month, I reminded him to give me feedback. I am still working on this goal. Please refer to these evidence.

(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/goal2). This folder contains the emails that I discussed and submitted the work to my supervisor.

- Extra goal: “Academic Teacher Training Course”, approved by the head of department.

- I am still working on the course with the approval from the head of department.

However, I have to work extra because the time for taking this course since the ISP plans the time for goal 1 (10 weeks) and goal 2 (2 weeks). The approval from the head of department could be found here:

https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/attc_7.5hp

- Remained_1DL451 goal: Since goal 1 and 2 in the current ISP take 12 weeks (3 months), I had to discuss with the ombudsman and union when my supervisors asked me to retake this course. It means that the total time for these goals is more than 3 month. So far, I have contacted teacher of the course for retaking when we construct next ISP.

Please refer to the link

(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/more_1DL451).

I took this project course 2 times before.

- In the first time, the problem specification requires 1 solution with the given example. I submitted the solution. But the teacher did not rely on the specification, and asked me to do more than the given specification which was not specified in the problem specification before.
- In the second time, the teacher failed me because of the typo, grammar errors, and writing.
- In both cases, I asked for detailed explanation and evaluation criteria, but I did not get the measurable criteria to pass the course from the teacher.
- Remained_survey: The requirement of the survey is 20 pages with good quality. In the first ISP, after the first 3-month full-time study, I submitted a 40 pages survey with 150 related papers in the references. However, my supervisors concluded it is not fulfill the requirements. They refused to provide the measurement and evaluation criteria for a survey which must be finished in 3 months.

- While doing goal 1 and 2 in total 12 weeks, I had to work extra on revising the survey. Please refer to the link
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/more_survey).
- In the very beginning, before working on the survey, I asked my supervisors about the “good quality” criteria within three months in case there are so many related work, but they did not give any measurement for this 3 months goal.
- **My publications:** These publications are the extension and inline with the 1DL451 course goal, and thesis title in my ISP. I just wonder whether something wrong if a PhD student spend his time at weekend to continue to extend the goals in his ISP.
 - At weekends, I extend the results of the course 1DL451, and develop my research plan from the thesis title in the ISP. Then I submitted these results to conferences. Since my supervisors numerous times refuses to help me in writing papers, so I have to do it at weekends, and I am the sole author. So far, two papers and one poster were accepted.
 - Publication #1: Poster at ETAPS conferences “Towards Efficient Algorithms for Constraint Satisfaction Problems”: this is the result of 1DL451 course final report. Please refer to the link
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_at_weekends/poster1_etaps). This folder contains:
 - (1) 1DL451 course goal in the ISP;
 - (2) 1DL451 project report (version 1 and 4);
 - (3) etaps poster which is the summary of revised version of 1DL451 course report;
 - (4) letter of acceptance from the ETAPS committee.
 - Publication #2: Paper at CCGRID conference “Towards Efficient Solvers for Optimisation Problems”: this is the result of 1DL451 course final report. Please refer to the link
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_at_weekends/paper2_ccgrid). This folder of publication 2 contains
 - (1) 1DL451 course goal in the ISP;
 - (2) 1DL451 project report (version 1 and 4);
 - (3) CCGRID paper which is the revised version of 1DL451 course report;
 - (4) letter of acceptance from the CCGRID committee.
 - Publication #3: Paper at ICAC conference “Machine-Assisted Reformulation for

MiniZinc”: this paper is about the research plan which is written in my current ISP.

Please refer to the link

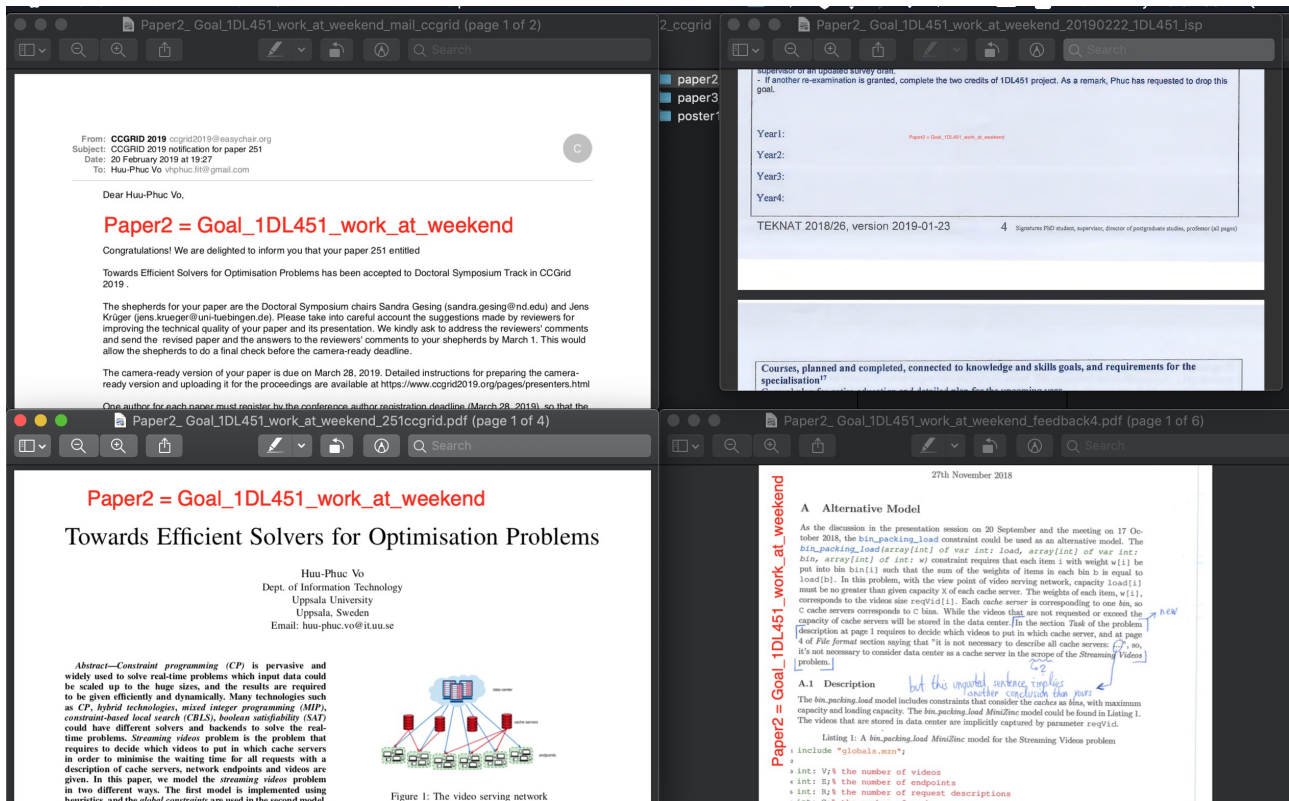
(https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_at_weekends/paper3_icac).

This folder of publication 3 contains

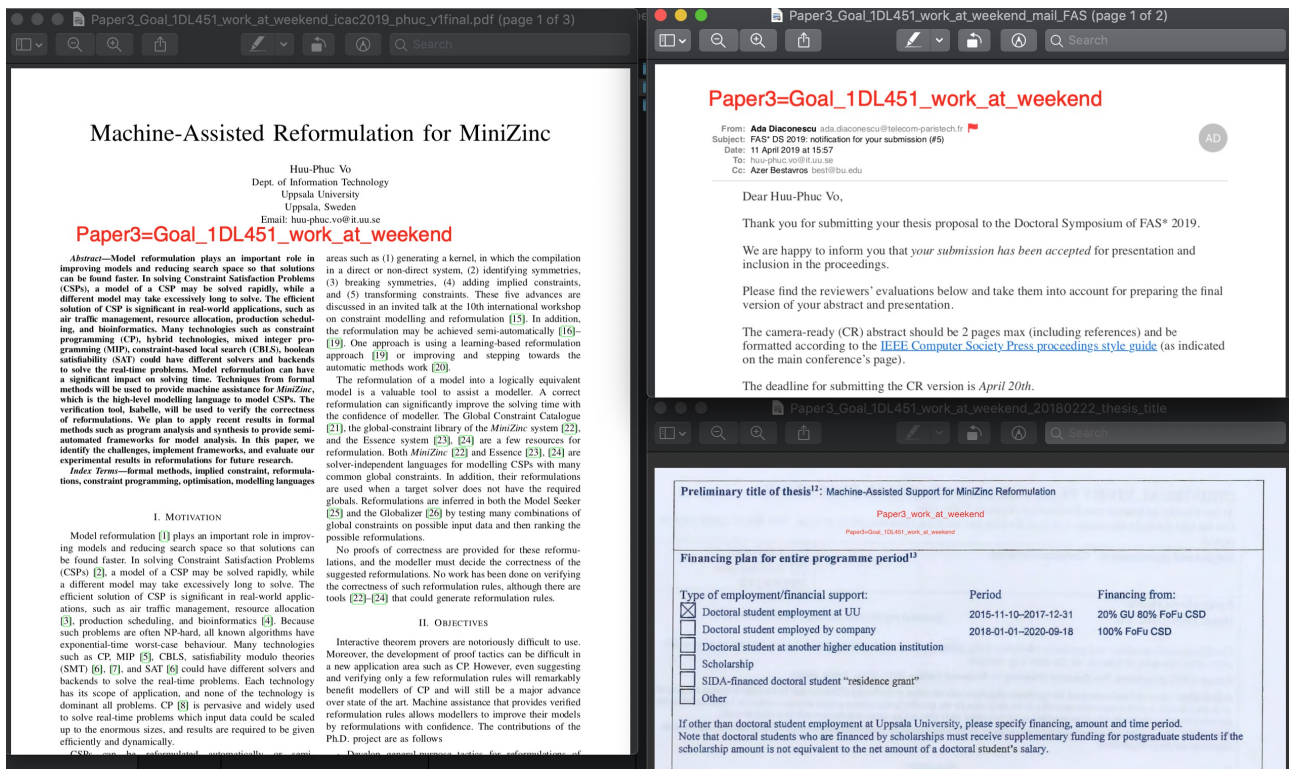
- (1) thesis title in the ISP;
- (2) ICAC paper which is the plan, goals to proceed my degree in the ISP;
- (4) letter of acceptance from the ICAC committee.

- [illegible]

● Paper 1: Paper at CCGRID conference “Towards Efficient Solvers for Optimisation Problems”



● Paper 2: ICAC = thesis title: “Machine-Assisted Reformulation for MiniZinc”



1-year ISP-[2015-2016]-1006:

Goals	Progress
<p>Phuc will be working in a team with other PhD students on the Encore programming language, which is being developed primarily in the UpScale project. The work will start by considering several different data structures available in Encore and developing versions that are parameterised by data layout information. Some experimental test cases will be developed to exploit these data structures. Then extensions will be added to the Encore language to specify independently the data layout information – a deployment language. After experimenting with the new language extension, Phuc will implement support for what we are calling BigVars, which are variables that contain by default a collection. Phuc will integrate these with the parallel combinators of Encore. After considering parallel data structures, Phuc will consider distributed data structures and how to specify their distribution.</p> <p>Phuc will also develop a case study for the Encore language and present research regularly in group meetings.</p> <p>Take courses:</p> <ul style="list-style-type: none">- Statistical machine learning (3hp)- Semantics for Applications (3hp)- Upmarc summer school 2016 (1hp)- Scientific writing (2hp)- Forskningsetik (min 2 hp), obligatorisk för både lic- och dr-examen (2hp)	<p>+ Phuc's first ISP.</p> <p>+ Finished:</p> <ul style="list-style-type: none">- Statistical machine learning (3hp)- Semantics for Applications (3hp)- Upmarc summer school 2016 (1hp)- Scientific writing (2hp)- Forskningsetik (min 2 hp), obligatorisk för både lic- och dr-examen (2hp)

1-year ISP-[2016-2017]-0915:

Goals	Progress
<p>Phuc will be working in a team with other PhD students on the Encore programming language, which is being developed primarily in the UpScale project. The work will start by considering several different data structures available in Encore and developing versions that are parameterised by data layout information. Some experimental test cases will be developed to exploit these data structures. Then extensions will be added to the Encore language to specify independently the data layout information – a deployment language. After experimenting with the new language extension, Phuc will implement support for what we are calling BigVars, which are variables that contain by default a collection. Phuc will integrate these with the parallel combinators of Encore. After considering parallel data structures, Phuc will consider distributed data structures and how to specify their distribution. Phuc will also develop a case study for the Encore language and present research regularly in group meetings.</p> <p>Take courses:</p> <ul style="list-style-type: none">- Upmarc summer school 2017 (1hp)- Oregon programming language summer school (6hp)- Low-level parallel programming (5hp)- Computing education research (10hp)	<p>+ Phuc is transitioning from working on the + Encore core language and its streams to more Scada-focused work.</p> <p>+ Phuc is settling in, and starting to contribute more independently.</p> <p>There are no specific problems that need fixing.</p> <p>+ Phuc considered several different data structures available in Encore and developed versions that are parameterised by data layout information such as forward, conduit, stream chaining, and argoDSM.</p> <p>+ Phuc developed experimental test cases for these structures.</p> <p>+ Then extensions were added to the Encore language to specify independently the data layout information – a deployment language.</p> <p>+ After considering parallel data structures, Phuc investigated distributed data structures such as Julia with test cases.</p> <p>+ Phuc developed a case study for the Encore language such as boids, SAT solver, and SVM Encore, and presented research regularly in group meetings.</p> <p>+ Implemented forward combinator and integrate with the parallel combinators of Encore.</p> <p>+ Fixed Encore bugs.</p> <p>+ Presented contributions at UpScale meetings.</p> <p>+ Finished all courses:</p> <ul style="list-style-type: none">- Upmarc summer school 2017 (1hp)- Oregon programming language summer school (6hp)- Low-level parallel programming (5hp)- Computing education research (10hp)

3-month ISP-[2017-0916] – [2018-0205]: Not any ISP at all.

Goals	Progress
Not any ISP at all	Keep asking Joachim for constructing ISP

3-month ISP-2018-[0206-1121]:

Goals	Progress
Phuc will participate and do all the exercises on two coursera courses on MiniZinc 1. https://www.coursera.org/learn/basic-modeling 2. https://www.coursera.org/learn/advanced-modeling	1. Finished basic modeling course. 2. Finished advanced modeling course.

3-month ISP-[2018-1121] - [2019-0221]:

Goals	Progress
Produce an in-depth survey of about 20 pages on the literature that will be potentially included in his licentiate thesis.	Survey: I seriously revise my survey and keep submitting revised surveys to Justin and Di on these days 2018-1211, 2019-0115, 2019-0123, 2019-0205, 2019-0219, 2019-0304, 2019-0329, 2019-0416, and 2019-0506. I have been trying to address all comments and feedback from my supervisors and sending these changes in details to my supervisors, e.g., a file includes detailed changes such as supervisors' comments, my revision, and the page number. The later revised survey is incrementally better than the previous one. The first version was submitted on 2018-1211. So far, I still keep working on the survey. On each revision, the feedback has been given very slow. Feedback was given on 2019-0304 for the version submitted on 2019-0219. A revision submitted on 2019-0322 and 0329, until 2019-0416 to get feedback and comments. In addition, the comments are on the handwriting forms, which are not legible and always take more time to ask for clarification. It takes about ten working days to get the comments and feedback from Justin.
Take 1DL451 course's project.	1DL451: Phuc did not pass the project part in 2018, nor the re-examination in Jan 2019.
Build a repository of MiniZinc model pairs showcasing examples of all the identified reformulations.	Repository: Phuc sent a link to repository (https://github.com/PhucVH888/reformulation-caseStudies) on Jan. 21 2019. The link is also provided in the draft survey.

3-month ISP-2019-[0222-0617]:

Goals	Progress
Goal 1 -- Phuc will study the first four chapters of Applied Logic for Computer Scientists. It is estimated that Goal 1 will take at most 10 weeks of full time study.	Goal 1: submitted solutions of exercises in all 4 chapters.
Goal 2 -- Continued development of the online repository of model reformulations. Phuc will continue to read papers on reformulation and put new examples in the repository. Further it is expected that for one example before and after model pair that Phuc produces a formal proof using PVS that the reformulation is correct.	Goal 2: I sent the link to the repository (https://github.com/PhucVH888/reformulation-caseStudies) on 2019-0121. There are not any feedback and comments for the repository. I sent another email on 2019-0311 to remind and notify that I have added more case studies, and I need to discuss this. So far, the repository contains around 100 case studies, but I have not yet got any feedback and comments.
Moreover, the following are to be accomplished with respect to the plan of the previous ISP: Goal 3 - To complete/finalize the literature survey with content/examples illustrating reformulation techniques, and improve the presentation to meet the scientific writing (including thesis) standard. As of finalizing this ISP, Phuc is awaiting comments and feedback from the supervisor of an updated survey draft.	Goal 3: I submitted 40 pages survey with 150 references. I seriously revise my survey and keep submitting revised surveys to Justin and Di on these days 2018-1211, 2019-0115, 2019-0123, 2019-0205, 2019-0219, 2019-0304, 2019-0329, 2019-0416, and 2019-0506. I have been trying to address all comments and feedback from my supervisors and sending these changes in details to my supervisors, e.g., a file includes detailed changes such as supervisors' comments, my revision, and the page number. The later revised survey is incrementally better than the previous one.
Goal 4 - If another re-examination is granted, complete the two credits of 1DL451 project. As a remark, Phuc has requested to drop this goal.	Goal 4: When I was asked to contact Pierre Flener for arranging re-examination, my answer is that I need to consult with the doktorandombud and union. When I got the response from the doktorandombud and union, I immediately contacted with Pierre on 2019-0520. I wish that the evaluation criteria and requirements to pass the course will be given so that I could successfully finish the course.
Goal 5 – Academic teacher training	Under the approval of the head of department on 2018-0919, I took the Academic teacher training course, which began in 2019-0325. There is only one last assignment, which is mentored teaching session to finish the course.

My reflections for 3-month ISP-2019-[0222-0617]: (<https://bit.ly/2GHBMGZ>)

Because of the poor work environment that makes me stress and negatively affects my health, I was on significant sick leave within these three net-working months. More specific, I took 100% sick leave on these days, 25 Feb - 01 Mar (5 days), 08 Apr - 12 Apr (5 days), 08 May - 10 May (3 days), 20 May - 24 May (5 days), 28 May - 29 May (2 days). In any case, I significantly and seriously respect my commitments under the individual study plan.

In addition, I have to fulfill my family obligations by taking VAB days, 13 May - 17 May (5 days). Moreover, I also took my standard vacation days from 03 June to 20 June (13 vacation days). The expectations of the three month ISP are not reduced yet even though my supervisors agreed with my 13 vacation days.

In the previous year, all goals in the 3-month ISPs are expected to accomplish within three net-working months regardless of vacation days, specifically, the ISPs in 20180208 - 20181120, 20181121 - 20190221. It means that I am supposed to work continuously to meet the expectations during my vacation days because the workload is the same regardless of vacation days.

I am continuously acting following the goals individual study plan such as writing the 20- page survey, 1DL451 course, basic modeling for discrete optimisation - online course, applied logic course, academic teacher training course, advanced modeling for discrete optimisation - online course, and repository. The evidence is listed as follows.

Although I took significant sick leave from 2018-0313 to 2018-0416, and 2018-0529 to 2018-0630. I accomplished the goals in the ISP, which are basic modeling for discrete optimisation and advanced modeling for discrete optimisation.

20-page survey: I seriously revise my survey and keep submitting revised surveys to Justin and Di on these days 2018-1211, 2019-0115, 2019-0123, 2019-0205, 2019-0219, 2019-0304, 2019-0329, 2019-0416, and 2019-0506. I have been trying to address all comments and feedback from my supervisors and sending these changes in details to my supervisors, e.g., a file includes detailed changes such as supervisors' comments, my revision, and the page number. The later revised survey is incrementally better than the previous one.

The first version was submitted on 2018-1211. So far, I still keep working on the survey. On each revision, the feedback has been given very slow. Feedback was given on 2019-0304 for the version submitted on 2019-0219. A revision submitted on 2019-0322 and 0329, until 2019-0416 to get feedback and comments. In addition, the comments are on the handwriting forms, which are not legible and always take more time to ask for clarification. It takes about ten working days to get the comments and feedback from Justin.

In the latest survey on 20190506, I have tried all my best, and seriously addressed all comments and feedback from Di and Justin:

1) I explained the key ideas of the reformulation techniques with illustrative examples including implied constraint technique (page 11), symmetry breaking technique, multiple viewpoints techniques, channelling technique (page 12). However, until so far, I have not got any comments and feedbacks from Justin in the latest survey.

2) To the best of my English writing skill and my proofread, I have fixed all grammatical and spelling errors. I have revised the presentation of sections after discussing with Justin in the technical meeting.

Due to Justin's business trip, my sick leave, parental leave, and VAB leave, Justin and I did not

have any progress meeting since April 26 until so far.

When I began working on the survey, I found 150 papers that are related to the reformulation. It is not possible to understand deeply all 150 papers in such amount of time. I have asked for discussing some papers in the reference that could help me to understand deeper. In the email sending to Justin on 2019-0319, I proposed to have a technical meeting about the survey, logic course – chapter 2, comments on exercises in chapter 1, feedback for the repository, and discuss more the paper that Justin did not have time to discuss with me in the previous meeting. However, due to Justin's business trip to Singapore, we could not have any technical meeting before 2019-0401. Even though there are time limitation (3 working months), significant leave, the large number

of references (150 papers), and lack of support for technical meetings, I significantly and seriously respect my commitments under the individual study plan and make progress with the survey. In order to explain something in enough depth, I do really need support from my technical supervisor to understand a lot of important papers to improve my survey as his expectations.

Regarding the tutorial aspect, I am still working on choosing the suitable examples that could be used to illustrate as many reformulation techniques as possible such as Sudoku and car sequencing. These tutorial examples were discussed with Justin in the technical meeting on 2019-0401, but we could not find yet an example that is generic enough to demonstrate many reformulation techniques.

In the latest survey on 2019-0506, reformulation techniques have been given with examples. I understand that I need help to improve my writing, I have tried all my best to proofread the survey, but it does not mean that I can find all writing errors. I submitted to the revised survey to Justin on 2019-0506; however, so far, I have not yet got any feedback and comments from him.

When I was informed about the support by Sprakverkstad in the meeting on 2019-0306, I immediately made a phone call to book an appointment; however, I could not reach anyone. I have already contacted them again as soon as I got back to work on 2019-0624.

To writing survey goal in the 3-month ISP on 2018-1121, I did submit a 40 pages survey with 150 references in 3 working months with a lot of sick leave, parental leave, and VAB leaves.

I expect that I could get faster feedback and comments in details from my supervisors so that I could accomplish the survey writing as soon as possible.

Basic modeling for discrete optimisation - online course: I successfully accomplished the course.
Advanced modeling for discrete optimisation - online course: successfully accomplished the course.

Academic teacher training course: Under the approval of the head of department on 2018-0919, I took the Academic teacher training course, which began in 2019-0325.

Regarding the goals for the coming effective 3 months, since I have had significant sick leave, parental leave, and VAB leave before due to many reasons including the poor work environment that negatively affect my health and work performance, I firmly believe that I could make more progress with my supervisor's support. When I was back to work on 2019-0625, I immediately emailed Justin to book a technical meeting for explaining the goals written in this ISP. Justin and I did not have any meeting regarding finalising the research goals in this ISP, so I need his explanation so that I could understand clearly to move on. Especially the expected output, which is a 10-page document.

IDL451 course: When I was asked to contact Pierre Flener for arranging re-examination, my answer is that I need to consult with the doktorandombud and union. When I got the response from the doktorandombud and union, I immediately contacted with Pierre on 2019-0520. I wish that the evaluation criteria and requirements to pass the course will be given so that I could successfully

finish the course.

Repository: I sent the link to the repository (<https://github.com/PhucVH888/reformulation-caseStudies>) on 2019-0121. There are not any feedback and comments for the repository. I sent another email on 2019-0311 to remind and notify that I have added more case studies, and I need to discuss this. So far, the repository contains around 100 case studies, but I have not yet got any feedback and comments. I wish that I could get comments and feedback on the repository. As the agreement with Justin in the very beginning, what I have to do with the repository is to find a model, manually identify the implied constraints in the model, eliminate these constraints to produce an original model. Although the agreement is to find one or two models, on 2019-0311, I already put 4 model pair in the repository (<https://github.com/PhucVH888/reformulation-caseStudies/tree/master/implied-constraint>); however, Justin has not yet given feedback and comments. Justin refuses to support me in producing a formal proof using PVS that the reformulation is correct even though I submitted the solutions for all required chapters from the textbooks.

Applied logic course: The number of exercises in all 4 chapters is numerous, 95 sub-exercises in total. I asked Justin about the number of exercises to finish in the first place before I agree on anything, Justin promised that I just do some representative exercises in each chapter. Later, for each chapter, Justin asked me to solve 90% (e.g., solve 29/32 exercises in Chapter 1) of exercises except few exercises marking with (*), which means challenging exercises.

Justin informed me that I would not get any credits for the first two chapters, but he did not inform me that I must do all exercises in the first two chapters. This is an unfair requirement because I spend 10 weeks to work on the logic course, but I just get 7.5 credits.

Chapter 1: 15 exercises are equal to 29 sub-exercises (without 3 sub-exercises marked by *). I submitted all 29 solutions to all 29 sub-exercises to Justin on 2019-0306-0313-0329.

Chapter 2: 13 exercises are equal to 22 sub-exercises (without 2 sub-exercises marked by *). I submitted 5 solutions to Justin on 2019-0417. Since solving exercises in chapter 1 and chapter 2 are not rewarded any credits, so I focus on understanding the knowledge and move on.

Chapter 3: 9 exercises are equal to 29 sub-exercises (without 1 sub-exercises marked by *). I submitted 18 solutions to Justin on 2019-0424. Justin did not seriously evaluate my solutions. I have discussed with Tjark Weber about Justin's feedback; we found that not all solutions are incorrect. Tjark Weber sent an email to Justin regarding his incorrect evaluation on 2019-0624. It turns out that Justin did not understand the basic negation rule, which is the shortcut for the implication rule. So, his comments to all solutions in chapter 3 show that he misunderstood the basic negation rule on page 75, paragraph 3 (topdown) in the textbook.

Chapter 4: 10 exercises are equal to 15 sub-exercises. I submitted 7 solutions to Justin on 2019-0503. So far, I have not got any feedback and comments from Justin about my solutions yet.

During the course, I have to ask Justin enormous times in order to know the number of exercises to do. Since there are other tasks that I have to do at the same time, so it is an unrealistic plan to finish all the goals in the ISP within 3 months.

Although the material in the book is on an advanced bachelor or early master level, an expert as Justin could misunderstand the basic negation rule that clearly written in the textbook. Alternatively, maybe for some reasons, Justin did not seriously evaluate my solutions.

After submitting solutions to Justin on 2019-0503, I had sick leave, VAB leaves, and vacation from 2019-0508 until 2019-0624 (Monday). There is no chance for me to book another meeting with Justin to discuss the book and the solution. I have asked Justin for a meeting on 2019-0624;

however, he could not arrange any meeting with me although he wrote on his door sign that he would be back to work on 2019-0625. Without fundamental background about applied logic, it is not easy to understand everything in the book by oneself, barely have meetings to discuss with the supervisor. So far, after 1.5 months, Justin has not yet given any feedback and comments for the version of 2019-0503.

The feedback and comments from Justin are too slow, and it is not easy to book a meeting with Justin. The goals and tasks in the previous ISP are unrealistic. Without support from the supervisor, one could not master the material in the book while doing so many goals within 3 months ISP regardless of standard vacation days. I requested Justin several times (2019-0319, 03-29), to support me in doing the formal proof using PVS for one example, car-sequencing. However, Justin refused to have a technical meeting with me (2019-0403).

My publications: I spent my weekends to write these papers. These publications are the extension and inline with the 1DL451 course goal, and thesis title in my ISP. I just wonder whether something wrong if a Ph.D. student spends his time at the weekend to continue to extend the goals in his ISP at weekends. At weekends, I extend the results of the course 1DL451 and develop my research plan from the thesis title in the ISP. Then I submitted these results to conferences. Since my supervisors numerous times refuses to help me in writing papers, so I have to do it at weekends, and I am the sole author. So far, two papers and one poster were accepted.

Publication #1: Poster at ETAPS conferences “Towards Efficient Algorithms for Constraint Satisfaction Problems”: this is the result of 1DL451 course final report. **Publication #2:** Paper at CCGRID conference “Towards Efficient Solvers for Optimisation Problems”: this is the result of 1DL451 course final report. **Publication #3:** Paper at ICAC conference “Machine-Assisted Reformulation for MiniZinc”: this paper is about the research plan which is written in my current ISP.

ISP-2019-0222: Unrealistic goals because goal 1 (applied logic course) takes 10 weeks, goal 2 (one model pair) takes 2 weeks, vacation takes 2,5 weeks (13 working days), basic teacher training course takes 5 weeks, the head of department approved my application to take the Basic teacher training course, which will be on 2019-0114, or 2019-0204, or 2019-0325 in the email on 2018-0919. In reality, it takes 17.5 weeks to accomplish all these goals. Under this ISP, in total, one must accomplish all 17.5-week goals within 12 weeks. Even though this is the unrealistic ISP, I significantly and seriously respect my commitments under the individual study plan and keep making more progress.

I am open for discussions with my supervisors to support me to make more progress towards my third cycle education.

I wish that I could have a more than 3-month ISP, because it takes a lot of time to prepare all sections such as supervisors' reflections, supervisors' evaluations, student's reflection, ...

I wish that the expectations of the goals and the net working time for the ISPs need to be revised. Because I took 13 vacation days before summer and 16 remaining vacation days in summer time. Totally, 29 vacation days (~1,5 months over 3 months) are for standard vacations.