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_2019/2017_1129_joachim_refuse_to_construct_an_isp_for_phuc.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/isp_201708_with_dave_hand_writing_comments.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_7.5hp/Approval%20from%20Lina.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.

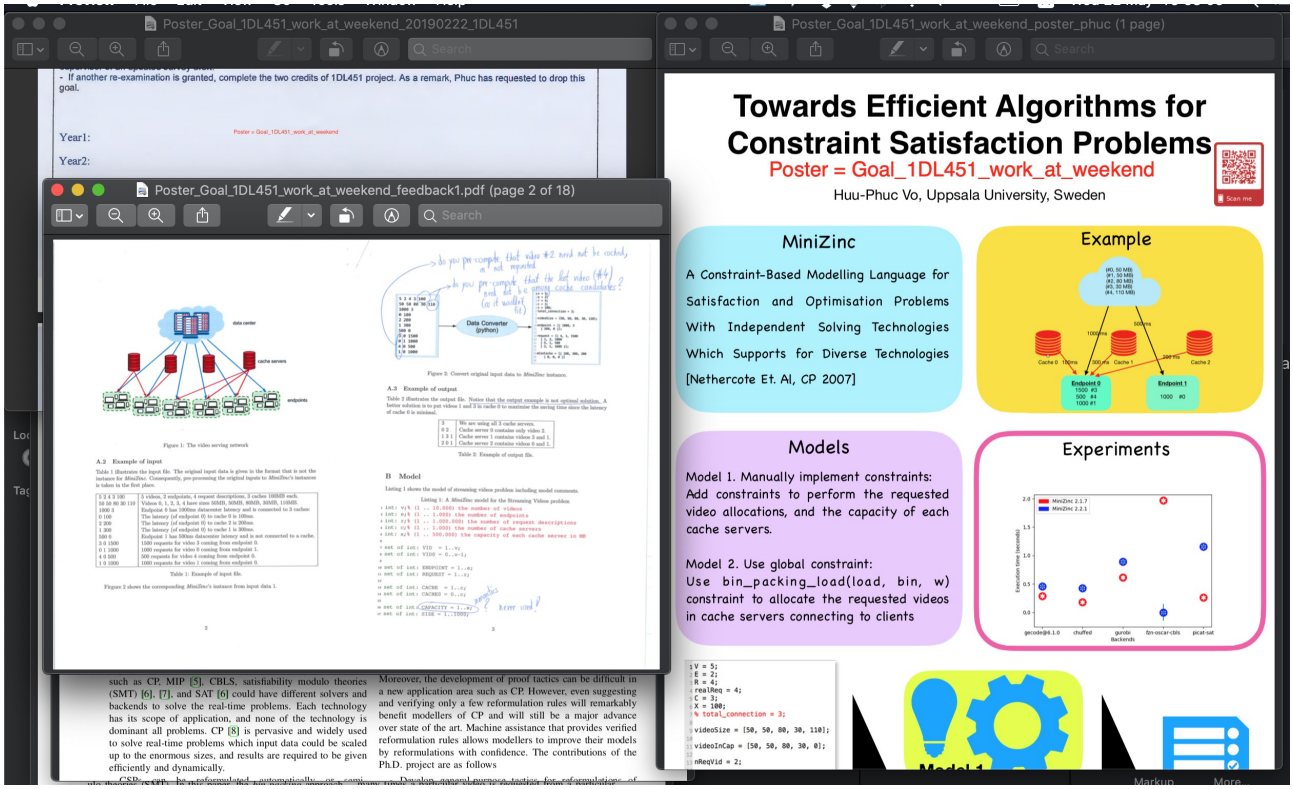
  - While doing goal 1 and 2 in total 12 weeks, I had to work extra on revising the survey. Please refer to the link (https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_on_isp_goals/more_survey).
  - In the very beginning, before working on the survey, I asked my supervisors about the "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

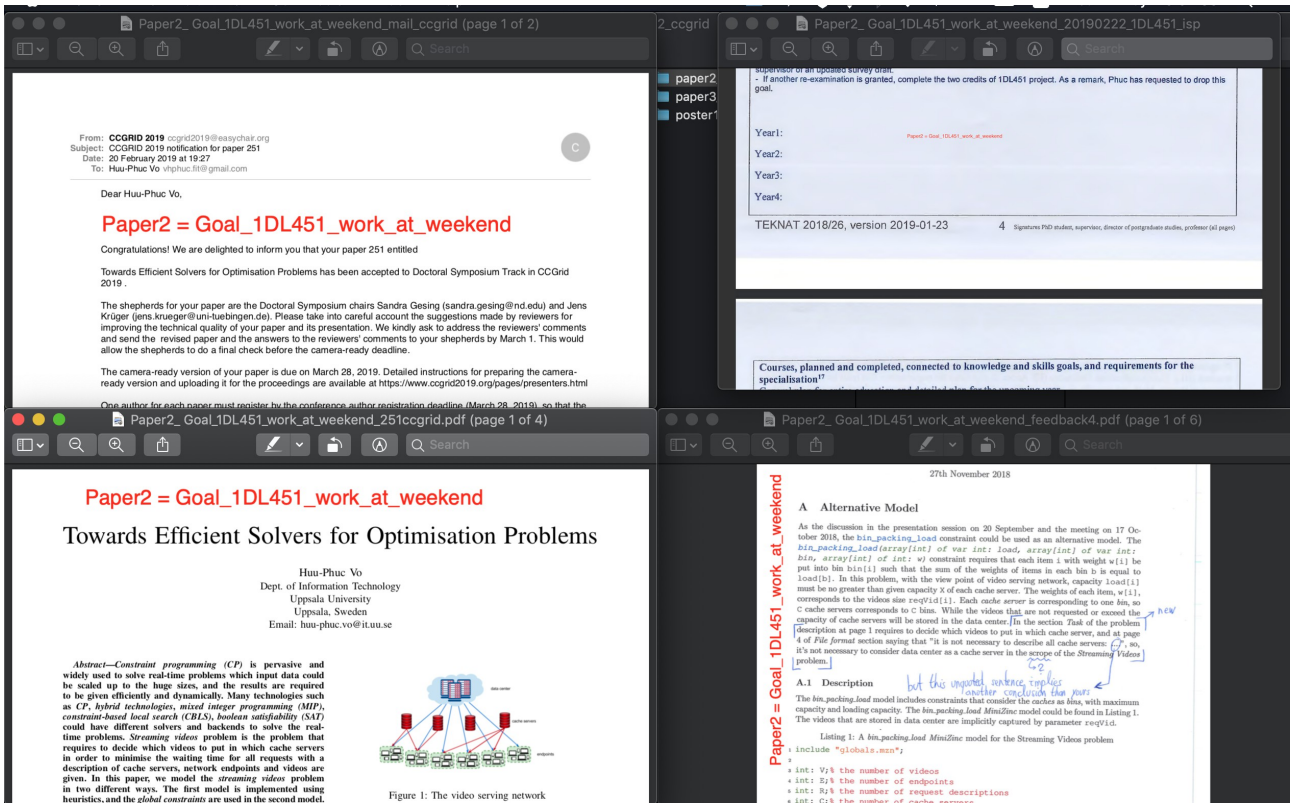
MiniZinc": this paper is about the research plan which is written in my current ISP. Please refer to the link (https://github.com/Phuc0/why_not_withdraw_resources/tree/master/work_at_weekends/paper3_icac). This folder of publication 3 contains

- (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.

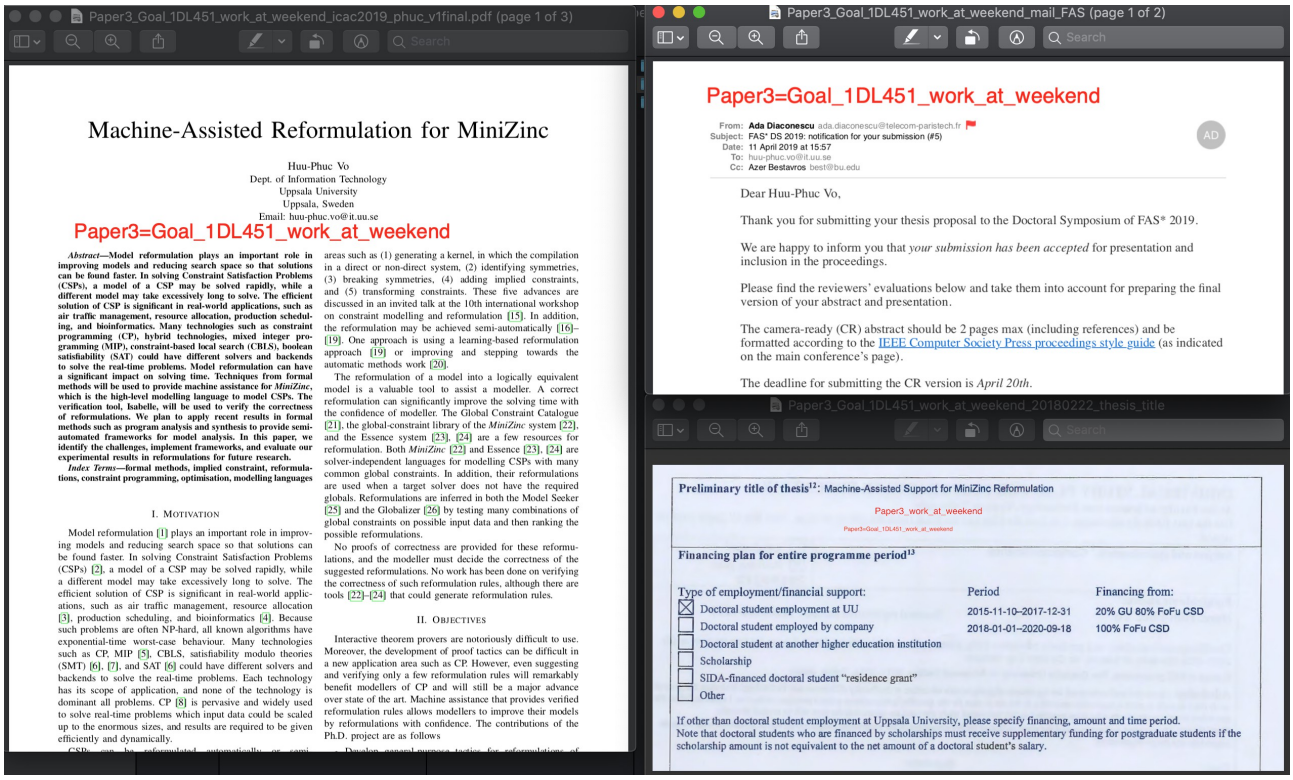
- **Appendix: The link to the folder that contains all these evidence and ISP is here**
  - Poster: Poster at ETAPS conferences “Towards Efficient Algorithms for Constraint Satisfaction Problems”



- 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
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 indepdently 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 specified their distribution. Phuc will also develop a case study for the Encore language and present research regularly in group meetings. Take courses: - 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)	+ Phuc's first ISP. + Finished: - 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
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 indepdently 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 specified their distribution. Phuc will also develop a case study for the Encore language and present research regularly in group meetings. Take courses: - Upmarc summer school 2017 (1hp) - Oregon programming language summer school (6hp) - Low-level parallel programming (5hp) - Computing education research (10hp)	+ Phuc is transitioning from working on the + Encore core language and its streams to more Scada-focused work. + Phuc is settling in, and starting to contribute more independently. There are no specific problems that need fixing. + 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. + Phuc developed experimental test cases for these structures. + Then extensions were added to the Encore language to specify indepdently the data layout information – a deployment language. + After considering parallel data structures, Phuc investigated distributed data structures such as Julia with test cases. + Phuc developed a case study for the Encore language such as boids, SAT solver, and SVM Encore, and presented research regularly in group meetings. + Implemented forward combinator and integrate with the parallel combinators of Encore. + Fixed Encore bugs. + Presented contributions at UpScale meetings. + Finished all courses: - 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 illutrating reformulation techniques, and improve the presdentation to meet the scientific writing (including thesis) standard. As of finalizeing 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.