Moldex3D Global Innovation Talent Award 2020
#My Journey to Smart Molding
**Project Description Template**

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| **Instructions:** Project Proposal must be submitted as attachments in MS Word and sent to talentawards@moldex3d.com **before Friday, June 20, 2020.** |

**Team Information:**

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|  | **Name** | **Organization** | **Job Title** | **Email** | **Phone**  |
| **Supervisor/Instructor** |  |  |  |  |  |
| **Team Leader** |  |  |  |  |  |
| **Team Member(1)** |  |  |  |  |  |
| **Team Member(2)** |  |  |  |  |  |
| **Team Member(3)** |  |  |  |  |  |

**Project Information:**

**Project Name**

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| Please insert your project name here. |

**Executive Summary:** Insert a brief description to summarize your project

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| Example: As Gas-assisted injection molding (GAIM) process has been widely used in the mold industry to reduce energy use and costs, Lite-on Technology, a professional provider of imaging products, enclosures, power supplies and LEDs, applies this process to its products and verifies the process with Moldex3D GAIM module. Lite-on Technology adjusts and optimizes the process parameters prior to real manufacturing to understand the penetration length of the gas, resulting in saving costs of material and time. |

**Products:** Insert a list of Moldex3D Solutions used in this project

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| Example: Moldex3D Advanced Package– Flow– Pack– Cool– Warp– Designer BLM– Fiber |

**The Challenge:** What challenges or problems were you solving? Why is it important to address the challenge?

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| Example:* Avoiding visual defects such as sink marks, weld lines, and flow marks on the visible areas of the part
* Reducing warpage within the gap and flush tolerance for part assembly
* Controlling proper temperature and pressure to avoid over-packing and short filling
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**The Solution:** What solution were you implementing?

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| Example: Extreme Tool & Engineering deployed [Moldex3D eDesign](http://www.moldex3d.com/en/products/edesign) injection molding software to target areas of concern and optimize designs to build tools accordingly so that real problems can be solved with virtual samples before the tool is even built, which saves the time and money that would be required to address these problems after the first sample. |

**The Benefits:** Please describe what benefits or values are achieved

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| Example:* Shrinkage ratio improved by 45~60%
* Reduced cooling time by 69%
* Avoided costly mold reconstructions and improve the overall productivity
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**Competition Declaration and Group Picture!**

* *The solution of group picture should be more than 300dpi*
* *Please leave your competition declaration (less than 50 words). Your declaration will be shared on Moldex3D social media channels.*

***References of your declaration***

* *Idea of Smart Molding (****\*Suggested\*****)
ex: For me, Smarting Molding is not a slogan, it means a more automatic and intelligent manufacturing method that we need to implement.*
* *Team Spirit declaration
ex: Talent wins games, but teamwork and intelligence win championships.
ex: Watch your back, I’m coming to the first prize.*

**Project Descriptions:** Provide a high level written description of your project.

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