



ATL TINKERING
INNOVATION
MARATHON 2018



TOP 100 INNOVATIONS

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The Innovations are in alphabetical order of States



AGRI TECH

Agri-Tech

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	A148	33756466	Farm choice	Pest Sprayer	MINIGURUKULAM ST GIRLS SCHOOL	Andhra Pradesh	U Vaishnavi, N Vijaya Nirmala,
2	A041	c8492623	Agrisense	CATTLE ALERT SYSTEM IN AGRICULTURE	A.P.S.W.R.School/Jr.College for girls, Pedapavani, Prakasam	Andhra Pradesh	INAKOLLA VENKATA MRUDULA, CHIRUTHOTI MAHESWARI,
3	A147	dcf53151	AGRI MATE	Agri-Tech Kit	APSWRS/JR COLLEGE (G), KOMARADA	Andhra Pradesh	B Aswini, A Jayalaxmi,
4	A063	1980955	Kisan Bhandhu	MULTI PURPOSE AGRICULTURAL ROBOT	APSWR CENTRE OF EXCELLENCE	Andhra Pradesh	MONIKA GUDIVADA, K.L.S.P VARSHINI KAREDLA, Bharathi Dara Lakshmi BANDI
5	A066	11526918	AGRITEC ROBO	VERTICAL FARMING and SMART IRRIGATION FOR HARVESTING THE	DAMODARAM SANJEEVAIAH MEMORIAL GOVT GIRLS HIGH SCHOOL	Andhra Pradesh	NANDINI KURUVA, MAMATHA KURUVA,
6	A144	cbd03014	AtalKrishiMitra	ATAL KRISHI MITRA	GOVERNMENT HR SEC SCHOOL BILASPUR CG	Chhattisgarh	YOGESHDAS MANIKPURI, Manish Yadav, Nikhil Prajapati
7	A070	32175221	SGH	Automatic control greenhouse	Government secondary school Ahwa	Gujarat	Neetaben Sukiravbhai Gavit, Ayushiben Sanjaybhi Gavit, Rituben Bharatbhai Gavit
8	A122	b3f24974	FarmGun	FARMER FRIENDLY DIGITAL VILLAGE	SHRI MARIKAMBA GOVERNMENT PU COLLEGE HIGH SCHOOL SECTION	Karnataka	SUKEERTHA S, SHASHIDHAR S NAIK, SUBRAHMANYA V HEGDE
9	A060	f843699	Megamind.	COFT(Complete Organic Farming Technique)	Government Senior Secondary School Namchi	Sikkim	Methela Rai, Suraj Kumar, Deepam Pradhan
10	A048	e8d8114	AMC	ATMOSPHERIC MOISTURE CONVERTER	KENDRIYA VIDYALAYA NO II Tambaram	Tamil Nadu	KARHIK KRISHNAN, ABHINAV PRADEEP, V.SANJAY KUMAR
11	A058	11b65061	Agritech Pvt Ltd	SMART AGRICULTURE IoT SYSTEM	GOVT GIRLS HIGHER SECONDARY SCHOOL	Tamil Nadu	MADHUMITHA M, PAVITHRA G, SONAM A
12	A002	13844352	cAquaculture	iAquaculture-Smart aquaculture farm management system	JOHNSON GRAMMAR SCHOOL, ICSE	Telangana	Abhinav Udipi, Hitesh Suthar,
13	A078	f920315	Auto Irrigation	auto irrigation	KENDRIYA VIDYALAYA COMMAND HOSPITAL	West Bengal	PORTIA CHOWDHURY, NANDANA PRAMOD, B. S. MADHUMITHA

A detailed architectural workspace featuring several rolled-up white blueprints with technical drawings and dimensions. A large, semi-circular protractor with degree markings is positioned over a blueprint showing a building cross-section with various elevation levels like +2,400, +4,200, +6,300, +7,500, +7,380, and +9,600. A red pencil lies diagonally across the right side of the image. The background is a soft, out-of-focus grey, emphasizing the design tools and documents.

ARCHITECTURE & DESIGN

Architecture & Design - Infrastructure

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	AD012	bf0e687	Robo Farmer	The Robatic Farmer	School Of Creative Learning	Bihar	Ankit kumar, Parveen kumar, Nitish kumar
2	AD029	cbd03014	GREEN SHIELD	GREEN SHIELD	GOVERNMENT HR SEC SCHOOL BILASPUR CG	Chhattisgarh	Prakash Nirmalkar, Prince Kashyap, HARISH Chaudhary
3	AD013	37dc9930	Safety device	Smart home	GOVT HIGH SCHOOL DADU MAJRA VILLAGE CHANDIGARH	Chandigarh	bikash khadka, suman ,
4	AD032	24635084	LABOUR ROBOT	LABOUR ROBOT- IMPROVE LIVING CONDITION OF LABOUR AND	JAWAHAR NAVODAYA VIDYALAYA MALHAR BILASPUR CG	Chhattisgarh	PRIYANSHU GUPTA, PRAKHAR PRAKASH GUPTA, AASIF
5	AD017	2e797438	" कर्म गृह "	Flood Resistant House	MAHARAJA AGRASEN MODEL SCHOOL	Delhi	Gyanvi Gyanvi, Shourya Bansal, Palak Dhingra
6	AD066	a2169927	Leading Edge	Ceiling Broom – a handy brush with unique design used to clear cobweb and dust	DELHI PUBLIC SCHOOL BANGALORE NORTH	Karnataka	SUHANI JAIN, TANUSHA RAJESH, SWADHA KRISHN
7	AD026	e6be10091	HILL DESIGNS	landslide proof house design	STELLA HIGHER SECONDARY SCHOOL	Nagaland	mayangjemla imchen, petekhrietuo kiewhuo, rufsana begum
8	AD014	85879409	FLOWANTER	Flood Water Preventer	DAV PUBLIC SCHOOL, POKHARIPUT, BHUBANESWAR	Odisha	Binayak Sahu, Bikash Ranjan Bhatta,
9	AD006	94f511980	Border Security	Border Security	Bhartiya Vidya Mandir Sr Sec School	Punjab	AKSHAT BHATNAGAR, SARTHAK MEHTA, SANYAM CHABRA
10	AD052	22046790	Eco Black Tank	Eco Black Tank	SRN International School	Rajasthan	Vansh Sharma, Jyoti Gunawat,
11	AD030	ebf5379	ANSM	Automated Copy Submission System	Seth Anandram Jaipuria Public School	Uttar Pradesh	Pratham Gupta, Dhruv Chauhan,
12	AD021	12356578	SmartVillage 3.4	Smart Village	Kamala Niketan Montessori School	Tamil Nadu	Keerthivasan Manikandan, Mohamed Ameen Sheik Mohideen, Pranesh Raghav Raja

A row of white wind turbines stands on a grassy hill, receding into the distance. The scene is set at sunset or sunrise, with a warm orange and yellow glow on the horizon. The sky transitions from a pale blue at the top to a soft orange near the horizon. In the background, layers of mountains are visible, some partially obscured by a thick layer of white clouds that fills the valleys. The foreground shows the texture of the grass and the silhouette of a dirt path winding through the turbines.

CLEAN ENERGY

Clean Energy

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	C044	f9499751	Electrosprinkler	ELECTRICITY GENERATION THROUGH SPRINK	DELHI PUBLIC SCHOOL BHILAI	Chhattisgarh	KHUSHI GUPTA, SHRUTI SINHA, KRITI TIWARI
2	C034	ef929028	GREEN XAVIER	SMART GREEN BIOREACTOR	St XAVIERS HIGH SCHOOL BHARNI BILASPUR	Chhattisgarh	HRITWIK KAMLE, POOJA JHA, SUMAN YADAV
3	C043	9d662434	AKASHI	NOISE TO ELECTRICITY	SWAMI SHRADHANAND DAV CENTENARY PUBLIC SCHOOL DAV ROAD KHUNTI	Jharkhand	KHUSHI RANI, AKANSHA KUMARI SAHA,
4	C061	520410101	Greenfeathers.in	Power Flower	Excel Public School	Karnataka	Noel Mathew, Nikhil Maheshkumar, Vinyas Chandrashekhar
5	C079	6c038225	A.B.E	Eco- friendly photo disassociation machine	BASAVESHWARA INTERNATIONAL PUBLIC SCHOOL CBSE VIDYAGIRI BAGALKOT	Karnataka	Sumukh M Hegde H, Dev G Pawar P,
6	C080	a8ac5369	SOLAR CHULA	3e-STECHULIKA	BHAVAN'S VIDYA MANDIR, GIRINAGAR	Kerala	Suraj Narayanan, Aswin A M, Gokul S Ganesh
7	C013	25217100	GURutvaUrja	GURU: Gravity Lamp using GURutva Urja	Dr. Kalmadi Shamarao High School	Maharashtra	Aniket Ghisad, Nachiket Mendki,
8	C062	3b668208	Atl pv kit	Free Energy Sources	Shrimati Shantabai Nakhate Secondary and Higher Secondary Ashramshala Walur	Maharashtra	Pallavi Wature, Minakshi Takras, Aman Kalal
9	C018	b89411797	CHSS	HAND CRANK MOBILE CHARGER	Cornerstone Higher Secondary School	Nagaland	ARIKOKBA AMER, RAHUL BISTA, KHETOVI YEPTHO
10	C036	d1729582	Smart Electrical	Dynamic Street Lightening System	D C Model Sr Sec School	Punjab	Jagtar Singh, Keshav Wadhawan, Ankush Wadhwa
11	C064	e5d32225	magic wheels	Magnetic Wheel Generator	PATHIPAGA CHEMMAL K GANAPATHI GOVERNMENT HIGHER SECONDARY	Tamil Nadu	Pravin Kumar U, Jawahar Shri Babu N,
12	C001	7be71898	SMC fireUP	SMART STREET LIGHT	BAL VIDYA MANDIR SR SEC SCHOOL	Uttar Pradesh	AASTHA RASTOGI, ANANYA GUPTA,



HEALTH TECH

Healthcare

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	H047	4097562	WEIGHT REDUCER	SCHOOL BAG WEIGHT REDUCER	Bharat Mata English Medium Higher Secondary School	Chhattisgarh	HIMANGI HALDER, MOHAMMAD SAMEER, CHRISTY GEORGE ANTHONY
2	H076	fd862022	Sangini	HYGYFEEL	Amity International School Saket	Delhi	NUMA KHAN, AAYUSHI KAUSHIK, KAAVYA JOSHI
3	H001	31056576	Vayu Shodhak	Indo Aero Mosqui Guard: The Health Enhancer (Air Purifier)	MAMTA MODERN SR SEC SCHOOL	Delhi	Aaradhya Sharma, Abhishek Poddar, Ansh Jha
4	H141	37710404	MED-BOT	MED-BOT	KIIT World School	Delhi	Kunal Sharma Sharma, Kritik Bhatia , Ayush Ghawana
5	H067	6055710	Serving Robo	Serving Robo	SLS DAV PUBLIC SCHOOL	Delhi	MEHAK SHARMA, BHAVIKA GANDOTRA,
6	H034	17702848	AVANI -Life Band	Life Band	GREENWAY MODERN SCHOOL	Delhi	Chitwan Tejan, Udit Sharma, Arnav Khandelwal
7	H124	9.77E+36	AILSA	AILSA- THE SMART WHEELCHAIR	DELHI PUBLIC SCHOOL SONEPAT	Haryana	tiya tyagi, khushi bagga,
8	H045	17438337	CLARA Systems	Portable Hospital	DAV PUBLIC SCHOOL	Haryana	HARDIK KHANDELWAL, MANAN THAREJA, VIVEK MISHRA
9	H093	2d552351	Swasthya Sathi	Smart Medicine Box	Govt Sr Sec School Chauntra	Himachal Pradesh	Ritika , Rashmi ,
10	H091	93d64937	ASARA	ASARA - Affordable Smart Access for Rescue of the Aged	DAV PUBLIC SCHOOL LAWRENCE ROAD AMRITSAR PUNJAB	Punjab	Rishab Aggarwal, Rachit Aggarwal, Vidisha Singh
11	H042	0d568345	Apah	Mejorado R.O(Improved R.O)	DELHI PUBLIC SCHOOL AMRITSAR	Punjab	Dorothy Sood, Prateek Singh, Nitya Devgan
12	H059	5aec10483	SSG	smart speaking gloves	DAV Senior Secondary Public School	Punjab	madhav goyal, abhishek \--, aditya sharma
13	H086	c5d66899	Healthy Water	Heathy Water	Lakshmipat Singhania Academy	West Bengal	Priyanshi Sarogi, Divija Agarwal, Krisha Sureka



SDGs

Sustainable Development Goals							
Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	SDG075	d6d73361	Magic Hearing	HELPING DEAF TO HEAR	APSWR School Jr College Girls Tallapalem Visakhapatnam District	Andhra Pradesh	THATIPUDI PRIYANKA, MUPPIDI SANDYA SRI, DURGASI HEMA LATHA
2	SDG010	37dc9930	Health Device	color blindness machine and medicine remainder.	GOVT HIGH SCHOOL DADU MAJRA VILLAGE CHANDIGARH	Chandigarh	aman singhal, shubham ,
3	SDG082	36948522	Hi-Tech home	smart home	GOVT. MODEL SENIOR SECONDARY SCHOOL, SECTOR 37B, CHANDIGARH	Chandigarh	Anurag puri, vijayant paryal,
4	SDG051	d1c18674	Super Eyes	Super Eyes	DAV PUBLIC SCHOOL VASANT KUNJ NEW DELHI	Delhi	Prince Gupta, Deepankar Aggarwal, Aayushi Jain
5	SDG029	a07110752	Lead India 2020	ATAL- Smart ATM Security System	Government PU College for Boys	Karnataka	Dhanush B, Sanooj T, Kiran Kumar P
6	SDG073	e5d32225	AI VOTING	AI BIOMETRIC VOTING MACHINE	PATHIPAGA CHEMMAL K GANAPATHI GOVERNMENT HIGHER SECONDARY	Tamil Nadu	Susjil Raj Singh R J, Sudharsan N, Vishal A
7	SDG037	11b65061	Innovative Minds	LOW COST AUTOMATIC FLOOR CLEANING MOP	GOVT GIRLS HIGHER SECONDARY SCHOOL	Tamil Nadu	KAVIYA S, YASHNI M, PRIYADHARSHINI G
8	SDG047	60201299	TINY TREES	TINY TREES- CARBON SEQUESTERING MOSS (WALL HANGING)	Chennai Public School (run by Kupidisaatham Narayanawamy Educational Trust	Tamil Nadu	POOJA . J. T, DHAKSHA KALIDOSS, HARINI PAKSHIRAJAN
9	SDG053	af1f115	Automatic school bell	Automatic school bell system using Raspberry Pi	KENDRYA VIDYALAYA DRDO KANCHANBAGH	Telangana	Pujeeta I, Aditi chaudhary, Shreya Upadhyay
10	SDG079	5ff21777	SmartEN	Smart Card Based Prepaid Energy Meter	DELHI PUBLIC SCHOOL NACHARAM SECUNDERABAD	Telangana	Varivashya Poladi, Viswatara Kalamsetty, Vaishnavi Ravi
11	SDG070	c6fb53	Women-Raksha	Smart Security Sleeve for Women	KENDRIYA VIDYALAYA CRPF BARKAS HYDERABAD	Telangana	srivathsa valluri, saiteja putla,
12	SDG039	950b1248	Herbal HygyFeel	Herbal pretreated antifungal and antibacterial cotton biodegradable sanitary	Amity International School	Uttar Pradesh	Krishi Bhat, Chhavi Sharma,



SMART MOBILITY

Smart Mobility

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	SM146	ec4d1392	e - toll	Fully Automatic Toll Collection Plaza (FATCOP)	AP Model School	Andhra Pradesh	NAZEER SHAIK, UMMAR FARUK SHAIK, Sirisha Katragadda
2	SM003	NA	ELI TRAM	Automatic Elevated Future Transportation System	Bharatiya Vidya Bhavan's R.K.Sarda Vidya Mandir, Raipur	Chhattisgarh	Aashna Khandelwal, Shatadha Sharma, Pranati Chavali
3	SM100	3b0110383	Chakshoe	SMART SHOES FOR BLINDS	Kulachi Hansraj Model School	Delhi	JAIVAL BHATIA, Tamanna Rao, Harshit Rai Verma
4	SM096	4c3d137	Lotse	Smart Traffic Light System	Dr. K. B. Hedgewar School	Goa	Hrishikesh Bhandari, Sanket Marathe,
5	SM095	154510667	Alpha Star	Auto Bus	Golaya Progressive Public School	Haryana	Hiya Jain, cheshta , Gazal sharma
6	SM179	9ce311047	ULTRA-preventer	solution to bring a change in night driving	Aravali Public School	Haryana	rehan ashraf, farhatn naaz, sabana pathan
7	SM018	32149330	SMART HELMET	IOT based Smart Helmet using arduino.	ST GEORGES H S S PUTHENPALLY	Kerala	AMAL VARGHESE, ANTONY K.PRINCE, AJITH PAUL
8	SM009	219e8878	COL	THE CAR OF LIFE	DAV PUBLIC SCHOOL, CHANDRASEKHARPUR	Odisha	ABHISHEK PADHY, Sateik Dash,
9	SM246	38b73610	R.T.O.D	Railway track obstacle detector	DAV International School	Punjab	Udham Singh, Ashmit sharma, naman sharma
10	SM084	a7229109	Autobots	AUTOMATIC SMART HEADLIGHTS	DCM PRESIDENCY SCHOOL	Punjab	HARMANDEEP SINGH, KUNJAL AGGARWAL,
11	SM144	a4a2591	JKKN Startup	Smart Helmet	JKKN MATRIC HIGHER SECONDARY SCHOOL	Tamil Nadu	Naveen balaji N, ManojSundhar S,
12	SM243	d4e96653	Blind Shoe	Smart Blind Shoe	Delhi Public School, NTPC Vidyutnagar	Uttar Pradesh	Tushar Shishodia, Anirudh Sharma,
13	SM025	15e53711	DOT HELMET	Smart Helmet	DAV MODEL SCHOOL	West Bengal	Aniket Nandi, Subhadip Nandy, Simon Sarkar



WATER CONSERVATION

Water Conservation & Management

Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	WC072	b8b93905	NO MORE AAHA	Dew and air water generator	ZILA SCHOOL GAYA	Bihar	SHREYA SINHA, PREM SAGAR, PRITAM KUMAR
2	WC073	b8b93905	AqRo AWG	A combination of AWG & condenser to be set up to trap water vapour & convert to	ZILA SCHOOL GAYA	Bihar	SHREYA SINHA, PREM SAGAR, PRITAM KUMAR
3	WC021	1bdc2052	SAVO	WATER - ENERGY [ELECTRICITY] SAVER	GOVT MODEL HIGHER SECONDARY SCHOOL BASNA	Chhattisgarh	DEEPAK KASHYAP, PUSHKAR PRADHAN, PRADEEP CHOUHAN
4	WC044	698b474	3T	Tap to Toilet (3T)	KENDRIYA VIDYALAYA SECTOR III ROHINI DELHI	Delhi	Muskan rajak, vaishali , anirudh kadam
5	WC047	2d552351	Swajal Dhara	Smart Water-Pumping System	Govt Sr Sec School Chauntra	Himachal Pradesh	Nitesh , Sulabh Thakur, Kapil Sood
6	WC062	7c5d5602	AQUASAVAR	Aquasaver	St.Paul's School	Karnataka	Royston Vedomuthu, Sagar shivayappayanmath, Amna Bodlekhan
7	WC035	160d7652	Pond e Plus	Pond E Plus	HONGIRANA SCHOOL OF EXCELLENCE	Karnataka	KOUSHIK U PAI, SRIRAM H S, Sarthak C
8	WC018	19629437	"Bwater"	Saline water to sustainable water.	CARDINAL HIGHER SECONDARY SCHOOL	Kerala	Bijisha Bijo, Milan Elsa Shajan, Anvy Elsa Thomas
9	WC075	acd71871	snigdhaajal	RAIN WATER HARVESTING AND PURIFICATION	KENDRIYA VIDYALAYA NO.1, PALAKKAD	Kerala	SNIGDHA GANESH, P S YAVANA , SIVANI MENON
10	WC050	fea7895	Poseidon	Smart Water Dispenser	KENDRIYA VIDYALAYA BERHAMPUR	Odisha	P.Biswanath Patra, Sritish Kumar Gouda, Swayamshu Mandal
11	WC024	14104032	ELIXIR	Water- Alife line we need to protect	SHIWALIK PUBLIC SCHOOL	Punjab	EKONKAR SINGH, Parneet Kaur, Bhavika Mehta
12	WC020	bc644922	SWC	SMART WATER CONSERVER	KENDRIYA VIDYALAYA ANNA NAGAR CHENNAI	Tamil Nadu	C.M.R MANIBHAARATHI, MANIMOZHI RAVIKUMAR, VARSHINI S



WASTE MANAGEMENT

Waste Management							
Sr. No.	Entry Code	ATL UID	Innovation Name	Title of Your Entry	School Name	State	Students
1	WM140	13702497	Intelligent Bins	Smart Dustbin with Multi level indication of dust	APSWRS JUNIOR COLLEGE FOR GIRLS	Andhra Pradesh	E Avilasha, K Chadu Priya,
2	WM045	37dc9930	Smart Dustbin	waste manager	GOVT HIGH SCHOOL DADU MAJRA VILLAGE CHANDIGARH	Chandigarh	Gaurav , mohit ,
3	WM138	cbd03014	SMART BIO TOILET	SMART BIO TOILET	GOVERNMENT HR SEC SCHOOL BILASPUR CG	Chhattisgarh	Yogesh Manikpuri, Manish Yadav, Nikhil Prajapati
4	WM019	NA	MOS-BITE	ATTRACTING AND KILLING THE MONSTER: Engineered Larvaecidal cakes	Salwan Public School, Rajendra Nagar, New Delhi-110060	Delhi	Ananya Bhatia, Ridhi Kalia, Sehej Soni
5	WM095	ea3c9223	Aquapure	MAKE DYE WASTAGE WATER POLLUTION FREE	NEW ERA SENIOR SECONDARY SCHOOL	Gujarat	SAMARTH TALATI, amlan behera,
6	WM035	60053215	B.O.A.W.S.T	BOUYANT OIL AND WATER SEPARATOR	NAVRACHANA VIDYANI VIDYALAYA	Gujarat	Daksh Patel, Dhairya Shah, c c
7	WM043	bb9512412	RUTEESH	Smart Bin With Organic Soil	Appa Public School Sharan Nagar Kalaburagi	Karnataka	EESHWARI DINANATH PUJARI, RUTIKA RANI MELKUNDI,
8	WM048	15969290	IDONELLA	PLASTIC RECYCLING	INFANT JESUS HS VADAYAR	Kerala	HEMA M, NANDANA BIJU, INDRAJITH S
9	WM141	744312034	A.R.C. system	Railway waste Management	Jnana Prabodhini Navnagar Vidyalaya	Maharashtra	Tanisha Dhadiwal, Shruti Keskar, Shruti Kulkarni
10	WM003	27182007	SMART BIN	Smart Dustbin	GOVT GIRLS SEC SCHOOL MANSA	Punjab	Aavleen Kaur, Amanpreet Kaur,
11	WM021	2d281104	Snippet	Smart Drainage System	Government Senior Secondary School Yangang South Sikkim	Sikkim	Anjila Gurung, Shruti Prasad, Thendup Lepcha
12	WM144	d8cd150	UDJAN	PRODUCTION OF HYDROGEN GAS FROM SEWAGE WATER USING SOLAR	KENDRIYA VIDYALAYA CRPF AVADI CHENNAI	Tamil Nadu	SANTHIYA UDAYAKUMAR, LOKHAWARSHNI , MUZEEBHA
13	WM038	050e6391	FLOURISH WASTEM	SMART CITY	Subbiah Vidyalayam Girls Higher Secondary School	Tamil Nadu	DHARANI J, RIANNA R, EZHILARASI G K



ATL TINKERING



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