



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

List of students undertaking student projects Academic Year – 2021 - 22



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This is to certify that the list of students undertaking field projects/internships/ Students projects in the last completed Academic Year 2021 – 2022 are given below:

S.No	Program name	Program Code	Students Name	Title	Place of Work
1	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	BADRUJJAMAN MS CHANDRU M HARISH V KAMALRAJ.R	IoT based Drainage monitoring system	E.G.S PILLAY ENGINEERING COLLEGE
2	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	THARIQ S MOHAMED SHAGUL HAMEED T SAAJIDHULLAH I SANTHOSH R	IoT based time table management system using Raspberry Pi & VNC server	E.G.S PILLAY ENGINEERING COLLEGE
3	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	RAJESH T ABINESH M SURESHRAJAN R MUGESH R	Arduino based automated sports court drawing bot	E.G.S PILLAY ENGINEERING COLLEGE
4	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	LINGESHWARI V KARTHIKA P ARTHI S NANTHINI R	Brain tumor detection and segmentation from MRI images	E.G.S PILLAY ENGINEERING COLLEGE
5	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	KARAN B ANANDHARAJ T ARAVINDH E ABINASH U	Revolving gate power generation using axial generator	E.G.S PILLAY ENGINEERING COLLEGE
6	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	ABIRAMI K NIVETHA V AHILA R REVATHI K	Analysis of solar panel parameters using IoT	E.G.S PILLAY ENGINEERING COLLEGE
7	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	ABARNA M ARUNYA A ATCHAYA S NIRAIMATHI V	Performance analysis for power domain NOMA system under Rayleigh fading channel	E.G.S PILLAY ENGINEERING COLLEGE
8	B.E – ELECTRONICS AND COMMUNICATION	EC	RAMESH S SIVANANTHA MOORTHY P	Audio transmission through LIFI	E.G.S PILLAY ENGINEERING COLLEGE

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

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	ENGINEERING		SIVASAKTHIVELG ARUNKUMAR N	technology	
9	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	AARTHI B ABIRAMI R A PRIYADHARSHINI B SEETHALAKSHMI L	Smart Medicine Assistant using Arduino	E.G.S PILLAY ENGINEERIN G COLLEGE
10	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	NIVASHINI R VASUNDARAA S SHAFRIN BEEVIS MANICKASARATH A MM	Blood bag monitoring device using IoT	E.G.S PILLAY ENGINEERIN G COLLEGE
11	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	POONKOTHAI K SHALINI S	Retrieval of multiple atmosphere environment parameters from Images with deep learning	E.G.S PILLAY ENGINEERIN G COLLEGE
12	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	PRADEEP T SUDHARSHAN A THIYAKESAN G PREMKUMAR N	M2M file transfer in critical environment using visible light communication	E.G.S PILLAY ENGINEERIN G COLLEGE
13	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	JANANI G KEERTHANA K LAVANYA K MONIKA A	Multi flexibility Renewable energy generation by different sources on demand	E.G.S PILLAY ENGINEERIN G COLLEGE
14	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	HARINI G OVIYA R SIVASUKITHA S VINOETHINI G	Driver distraction detection and alert system using FRCNN	E.G.S PILLAY ENGINEERIN G COLLEGE
15	B.E – ELECTRONICS AND	EC	GNANAPRAKAS AM S	Smart Transportation	E.G.S PILLAY ENGINEERIN

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	COMMUNICATION ENGINEERING		SHANMUGARAJ T SIVASHANMUG AM R SYED ALI S	system using LIFI data Communicatio n	G COLLEGE
16	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	IYAPPAN A MANIRATHNAM A SELVAGANAPAT HY S MUTHUR	Duplicate move forgery based on keypoints clustering transform techniques	E.G.S PILLAY ENGINEERIN G COLLEGE
17	B.E – ELECTRONICS AND COMMUNICATION ENGINEERING	EC	AKASH S AMARESH R VIJAYAKUMAR B MANIKANDAN S	Waste management improvement in cities using IoT	E.G.S PILLAY ENGINEERIN G COLLEGE

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report "RETRIEVAL OF MULTIPLE ATMOSPHERIC ENVIRONMENTAL PARAMETERS FROM IMAGE WITH DEEP LEARNING" is the bonafide work of "POONKOTHALK (E18ECR037), SHALINI.S (E18ECR050), ABINAYA.T (E18ECL302)" who carried out the project work under my supervision.


SIGNATURE

Dr . B. PADMANABAN, M.E., Ph.D.

HEAD OF THE DEPARTMENT,

Department of ECE

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SIGNATURE

S. CHITRA, M.E., (Ph.D)

SUPERVISOR

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Nagapattinam – 611 002

Submitted for the project viva examination held on 30/05/2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

[P. Praveen/EP-610]

ii

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report titled "WIRELESS HANDHELD STOARAGE DEVICE" is the bonafide work of P. BOOPATHY (E18ECR012), N. RIFAYUDEEN (E18ECR040), S. SARABESHWARAN (E18ECR044), K. VIJAYAKUMAR (E18ECR061), who carried out the project work under my supervision.



SIGNATURE

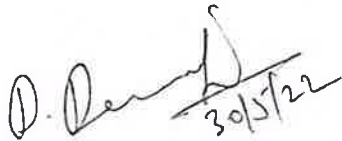
Dr. B. PADMANABAN, M.E., Ph.D.,
HEAD OF THE DEPARTMENT
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Submitted for the Project viva voce examination held on 30/05/2022



INTERNAL EXAMINER



EXTERNAL EXAMINER

ii

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.,
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BONAFIDE CERTIFICATE

Certified that this project report titled “**DUPLICATE MOVE FORGERY DETECTIONS BASED ON KEY POINT CLUSTERING TRANSFORM TECHNIQUES**” is the bonafide work of **A. IYAPPAN (E18ECR018), A. MANI RATHNAM (E18ECR028), R. MUTHU (E18ECL309), S. SELVAGANAPATHY (E18ECL318)**. who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.


SIGNATURE

Dr. B. PADMANABAN, M.E., Ph.D
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Submitted for the Viva voce Examination held on

30/05/2022


30/5/22
INTERNALEXAMINER


30/5/22
EXTERNALEXAMINER
(Dr. Divakaran Ap-505)

ATTESTED

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled "BLOODBAG MONITORING DEVICE USING IOT" is the bonafide work of M. MANICKASARATHAM (E18ECR026), R. NIVASHINI (E18ECR035), S. SHAFRIN BEEVI (E18ECR048), S. VASUNDARAA (E18ECR059), who carried out the project work under my supervision.


SIGNATURE

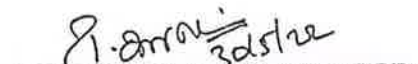
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INTERNAL EXAMINER


EXTERNAL EXAMINER
(P. Arivahagan / hp-005)

ATTESTED


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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report titled "SMART MEDICINE ASSISTANT USING ARDUINO" is the bonafide work of B.AARTHI (E18ECR001) R.A.ABIRAMI (E18ECR004) B.PRIYADHARSHINI (E18ECR039) L.SEETHALAKSHMI (E18ECR046) who carried out the project work under my supervision.


SIGNATURE

Dr. B. PADMANABAN M.E., Ph.D.,
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Submitted for the Project viva voce examination held on 30/5/22


INTERNAL EXAMINER


EXTERNAL EXAMINER

[P. Priyadharsini/AP-ECE]

ii

ATTESTED


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PRINCIPAL
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Thethi, Nagore - 611 002,
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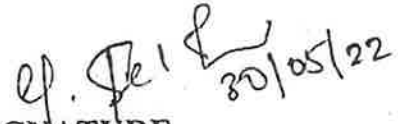
ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "BRAIN TUMOUR DETECTION AND SENGMENTATION FROM MRI IMAGE" is the bonafide work of "S. ARTHI (E18ECR007), V. LINGESHWARI (E18ECR025), R. NANDHINI (E18ECR033), P. KARTHIKA (E18ECL308)" who carried out the work under my supervision.


SIGNATURE

Dr. B. PADMANABAN, M.E., Ph.D.
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SIGNATURE

Mrs. M. SELVA SUNDARY, M.TECH.,
Assistant Professor
Department of ECE
E.G.S. Pillay Engineering College
(Autonomous), Nagapattinam.

Submitted for the Project Viva Examination held on 30.05.2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

[P. Arivankazhagan/tp-ECE]


ii

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002,
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BONAFIDE CERTIFICATE

Certified that this project report titled "IOT BASED TIME TABLE MANAGEMENT SYSTEM USING RASPBERRY PI & VNC SERVER" is the bonafide work of T.MOHAMED SHAGUL HAMEED (E18ECR030), I.SAAJIDHULLAH (E18ECR042), R.SANTHOSH (E18ECR043), S.THARIQ (E18ECL321), who carried out the project work under my supervision.


SIGNATURE

Dr.B.PADMANABAN M.E., Ph.D.,
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SIGNATURE

Dr.M.IRSHAD AHAMED M.TECH., Ph.D.,
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Submitted for the Project viva voce examination held on 30-05-2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

BONAFIDE CERTIFICATE

Certified that this project report titled "IOT BASED DRAINAGE MONITORING SYSTEM" is the bonafide work of M.S.BADRUJJAMAN (E18ECR011), M.CHANDRU (E18ECR013), V.HARISH (E18ECR017), R.KAMALRAJ (E18ECR021), who carried out the project work under my supervision.


SIGNATURE

Dr. B.PADMANABAN, M.E., Ph.D.,

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Professor

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SIGNATURE

Dr. D.DEVARAJAN, M.E., Ph.D.,

SUPERVISOR

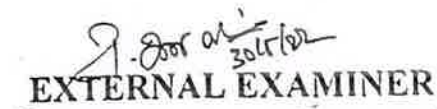
Associate Professor

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INTERNAL EXAMINER


EXTERNAL EXAMINER
[P. Anirudhan/AP-ECE]

ii

ATTESTED

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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report titled "WASTE MANAGEMENT IMPROVEMENT IN CITIES USING IOT" is the bonafide work of S.AKASH (E18ECR005), R.AMARESH (E18ECR006), S.MANIKANDAN (E18ECR027), B.VIJAYAKUMAR (E18ECR060), who carried out the project work under my supervision.



SIGNATURE

Dr.B. PADMANABAN M.E., Ph.D.,
HEAD OF THE DEPARTMENT
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SIGNATURE

S.JIM HAWKINSON M.E.,(Ph.D.)
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Submitted for the Project viva voce examination held on 30.5.2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
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BONAFIDE CERTIFICATE

Certified that this project report titled "WIRELESS AUDIO TRANSMISSION THROUGH LI-FI TECHNOLOGY" is the bonafide work of N.ARUNKUMAR (E18ECR008), P.SIVANANTHAMOORTHI (E18ECR052), G.SIVASAKTHIVEL (E18ECR053), S.RAMESH (E18ECL314), who carried out the project work under my supervision.


SIGNATURE

Dr. B. PADMANABAN M.E., Ph.D.,
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Professor
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SIGNATURE

Dr. M. IRSHAD AHAMED M.TECH., Ph.D.,
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Submitted for the Project viva voce examination held on 30.05.2022


INTERNAL EXAMINER


EXTERNAL EXAMINER


[Dr. Arivashayam Ap-616]

ATTESTED


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BONAFIDE CERTIFICATE

Certified that this project report "ARDUINO BASED AUTOMATED SPORTS COURT DRAWING BOT" is the bonafide work of "M.ABINESH-E18ECR003, R. SURESHRAJAN - E18ECR056, R. MUGESH - E18ECR032, T. RAJESH -E18ECL312" who carried out the project work under my supervision.



SIGNATURE

Dr. B. PADMANABAN M.E., Ph.D.,
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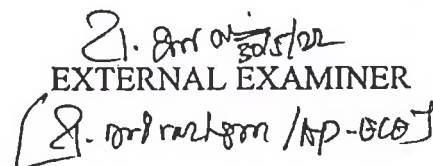
SIGNATURE

Dr. V. SATHIYA M.E., Ph.D.,
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Associate professor
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Nagapattinam-611002

Submitted for the Project viva voice examination held on 30/5/22



INTERNAL EXAMINER



EXTERNAL EXAMINER
[Dr. ... / NP-GCO]

ATTESTED



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Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DRIVER DISTRACTION DETECTION AND ALERT SYSTEM USING FRCNN" is the bonafide work of "G.HARINI (E18ECR016), R.OVIYA (E18ECR036), S.SIVASUKITHA (E18ECR054), G.VINOTHINI (E18ECR062)" who carried out the project work under my supervision.


SIGNATURE

Dr.B.PADMANABAN, M.E.,Ph.D.,

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Professor

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Nagapattinam-611002.



SIGNATURE

Mr.M.NUTHALSRINIVASAN,M.E.,(Ph.D)

SUPERVISOR


Assistant Professor

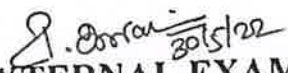
Department of ECE

E.G.S Pillay Engineering College

Nagapattinam-611002.

Submitted for the Project viva voice examination held on 30.05.2022


INTERNAL EXAMINER


EXTERNAL EXAMINER
[Dr. Arivudhagan / AP-ECE]

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report titled "MULTIFLEXIBILITY RENEWABLE ENERGY GENERATION BY DIFFERENT SOURCE ON DEMAND" is the bonafide work of G.JANANI (E18ECR019), K.KEERTHANA (E18ECR022), K.LAVANYA (E18ECR024), A.MONIKA (E18ECR031) who carried out the work under my supervision.


SIGNATURE

Dr.B.PADMANABAN, M.E.,Ph.D.,

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SIGNATURE

Dr.A.SUNDAR RAJ, M.E.,Ph.D.,

SUPERVISOR

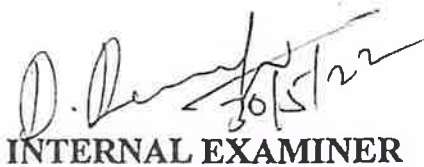
Associate Professor

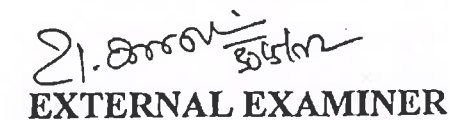
Department of ECE


E.G.S.Pillay Engineering College

Nagapattinam-611002.

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INTERNAL EXAMINER


EXTERNAL EXAMINER

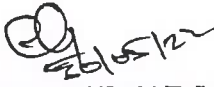

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Dr. S. RAMABALAN, M.E., Ph.D.,
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ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled, "ANALYSIS OF SOLAR PANEL PARAMETERS USING INTERNET OF THINGS" is the bonafide work of ABIRAMI K (Reg.No.E18ECL303), AHILA R (Reg.No.E18ECL304), NIVETHA V (Reg.No.E18ECL310) and REVATHI K (Reg. No. E18ECL315), who carried out the project work under my supervision.



Mr. S. SENTHILKUMAR M.Tech.,
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Dr. B. PADMANABAN M.E., Ph.D.,
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INTERNAL EXAMINER



EXTERNAL EXAMINER

ATTESTED

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ANNA UNIVERSITY: CHENNAI 600025


BONAFIDE CERTIFICATE

Certified that this project report titled "SMART TRANSPORTATION SYSTEM USING LI-FI DATA COMMUNICATION" is the bonafide work of S.GNANAPRAKASAM (E18ECR014) T.SHANMUGARAJ (E18ECR051) R.SIVASHANMUGAM (E18ECL320) S.SYED ALI (E18ECL320) who carried out the project work under my supervision.



SIGNATURE


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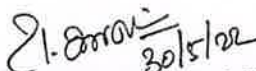
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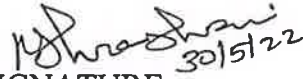
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BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE ANALYSIS FOR POWER DOMAIN NOMA SYSTEMS UNDER RAYLEIGH FADING CHANNELS" is the bonafide work of "M.ABARNA(E18ECR002), A.ARUNYA(E18ECR009),S.ATCHAYA(E18ECR010),V.NIRAIMATHI(E18 ECR034)" who carried out the project work under my supervision.



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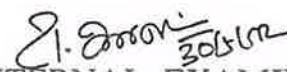
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